

Safety Data Sheets

CD-HF



Roadyard Bisbee - FTS Soils and Survey

03/13/2018



Safety Data Sheet Index

Binder: Roadyard Bisbee - FTS Soils and Survey - CD-HF

Product Name	CAS Number	Manufacturer	Version Date	Page
6KP31 - Spray Paint Gloss White 12 oz - 6KP31 - Spray Paint Gloss White 12 oz		Rust-Oleum Corporation	12/02/2010	3
Clorox Bleach - Clorox Bleach		The Clorox Company	01/05/2015	5
Easy Marker Green - Easy Marker Green		FOX VALLEY SYSTEMS, INC.	04/23/2009	26
Easy Marker Red - Easy Marker Red		FOX VALLEY SYSTEMS, INC.	04/23/2009	32
FLUORESCENT ORANGE SURVEY MARKER - FLUORESCENT ORANGE SURVEY MARKER		SEYMOUR OF SYCAMORE	04/25/2017	38
IC SSPR 6PK FLUORESCENT PINK - IC SSPR 6PK FLUORESCENT PINK		Rust-Oleum Corporation	12/13/2016	42
Inverted tip marker paint, red orange - Inverted tip marker paint, red orange		Seymour Paint	03/01/2017	48
Inverted tip marker paint, yellow - Inverted tip marker paint, yellow		Seymour Paint	03/01/2017	51
Inverted tip marker, blue - Inverted tip marker paint, blue		Seymour Paint	03/01/2017	55

ITEM: 6KP31 - Spray Paint Gloss White 12 oz.

MSDS: C2207

ORDER: 0102798084

LP NUMBER: U834051356

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - C2207

Associated Grainger Items
6KP31

MATERIAL SAFETY DATA SHEET

24 HOUR ASSISTANCE:
1-847-367-7700
RUST-OLEUM CORP.

WWW.RUSTOLEUM.COM

SECTION 1 - CHEMICAL PRODUCT / COMPANY INFORMATION

PRODUCT NAME: IC SSPR 6PK GLOSS GLOSSY WHITE

IDENTIFICATION NUMBER: 1692830

PRODUCT USE/CLASS: TOPCOAT/AEROSOL

SUPPLIER:
RUST-OLEUM CORPORATION
11 HAWTHORN PARKWAY
VERNON HILLS, IL 60061
USA

MANUFACTURER:
RUST-OLEUM CORPORATION
11 HAWTHORN PARKWAY
VERNON HILLS, IL 60061
USA

PREPARER: REGULATORY DEPARTMENT

REVISION DATE: 12/02/2010

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT % LESS THAN	ACGIH TLV- TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL CEILING
LIQUEFIED PETROLEUM GAS	68476-86-8	30.0	N.E.	N.E.	N.E.	N.E.
ACETONE	67-64-1	25.0	500	750 PPM	1000 PPM	N.E.
TITANIUM DIOXIDE	13463-67-7	20.0 MG/M3	10	N.E.	15 MG/M3 (TOTAL DUST)	N.E.
NAPHTHA	8032-32-4	10.0	N.E.	N.E.	N.E.	N.E.
XYLENE	1330-20-7	10.0	100 PPM	150 PPM	100 PPM	N.E.
ETHYLBENZENE	100-41-4	5.0	100 PPM	125 PPM	100 PPM	N.E.
SOLVENT NAPHTHA, LIGHT AROMATIC	64742-95-6	5.0	N.E.	N.E.	N.E.	N.E.
DIPROPYLENE GLYCOL MONOBUTYL ETHER	29911-28-2	5.0	N.E.	N.E.	N.E.	N.E.
1,2,4- TRIMETHYL- BENZENE	95-63-6	5.0	25 PPM	N.E.	N.E.	N.E.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
CONTENTS UNDER PRESSURE. HARMFUL IF INHALED. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. VAPORS MAY CAUSE FLASH FIRE OR EXPLOSION. HARMFUL IF SWALLOWED. EXTREMELY FLAMMABLE LIQUID AND VAPOR.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: CAUSES EYE IRRITATION.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT:
PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN IRRITATION. SUBSTANCE MAY CAUSE SLIGHT SKIN IRRITATION.

EFFECTS OF OVEREXPOSURE - INHALATION:
HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE EYES, NOSE, THROAT AND LUNGS. AVOID BREATHING VAPORS OR MISTS. HIGH GAS, VAPOR, MIST OR DUST CONCENTRATIONS MAY BE HARMFUL IF INHALED. HARMFUL IF INHALED.

EFFECTS OF OVEREXPOSURE - INGESTION:
ASPIRATION HAZARD IF SWALLOWED; CAN ENTER LUNGS AND CAUSE DAMAGE. SUBSTANCE MAY BE HARMFUL IF SWALLOWED.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:
CONTAINS TITANIUM DIOXIDE. TITANIUM DIOXIDE IS LISTED AS A GROUP 2B-"POSSIBLY CARCINOGENIC TO HUMANS" BY IARC. SIGNIFICANT EXPOSURE IS NOT ANTICIPATED DURING BRUSH APPLICATION OR DRYING. RISK OF OVEREXPOSURE DEPENDS ON DURATION AND LEVEL OF EXPOSURE TO DUST FROM REPEATED SANDING OF SURFACES OR SPRAY MIST AND THE ACTUAL CONCENTRATION OF TITANIUM DIOXIDE IN THE FORMULA.

IARC LISTS ETHYLBENZENE AS A POSSIBLE HUMAN CARCINOGEN (GROUP 2B). MAY

CAUSE CENTRAL NERVOUS SYSTEM DISORDER (E.G., NARCOSIS INVOLVING A LOSS OF COORDINATION, WEAKNESS, FATIGUE, MENTAL CONFUSION, AND BLURRED VISION) AND/OR DAMAGE. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. OVEREXPOSURE TO XYLENE IN LABORATORY ANIMALS HAS BEEN ASSOCIATED WITH LIVER ABNORMALITIES, KIDNEY, LUNG, SPLEEN, EYE AND BLOOD DAMAGE AS WELL AS REPRODUCTIVE DISORDERS. EFFECTS IN HUMANS, DUE TO CHRONIC OVEREXPOSURE, HAVE INCLUDED LIVER, CARDIAC ABNORMALITIES AND NERVOUS SYSTEM DAMAGE.

PRIMARY ROUTE(S) OF ENTRY:
SKIN CONTACT, SKIN ABSORPTION, INHALATION, INGESTION, EYE CONTACT

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT:
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. DO NOT ALLOW RUBBING OF EYES OR KEEPING EYES CLOSED.

FIRST AID - SKIN CONTACT:
WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

FIRST AID - INHALATION:
IF YOU EXPERIENCE DIFFICULTY IN BREATHING, LEAVE THE AREA TO OBTAIN FRESH AIR. IF CONTINUED DIFFICULTY IS EXPERIENCED, GET MEDICAL ASSISTANCE IMMEDIATELY.

FIRST AID - INGESTION:

ASPIRATION HAZARD:
DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH BECAUSE THIS MATERIAL CAN ENTER THE LUNGS AND CAUSE SEVERE LUNG DAMAGE. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: -156 F (SETAFLASH)

EXTINGUISHING MEDIA:
FILM FORMING FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS:
WATER SPRAY MAY BE INEFFECTIVE. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. VAPORS MAY FORM EXPLOSIVE MIXTURES WITH AIR. VAPORS CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK.

FLASH POINT IS LESS THAN 20 DEG. F. - EXTREMELY FLAMMABLE LIQUID AND VAPOR!

KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. PERFORATION OF THE PRESSURIZED CONTAINER MAY CAUSE BURSTING OF THE CAN.

SPECIAL FIREFIGHTING PROCEDURES:
EVACUATE AREA AND FIGHT FIRE FROM A SAFE DISTANCE.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
CONTAIN SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. DISPOSE OF ACCORDING TO LOCAL, STATE (PROVINCIAL) AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

SECTION 7 - HANDLING AND STORAGE

HANDLING:
WASH THOROUGHLY AFTER HANDLING. FOLLOW ALL MSDS/LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED BECAUSE IT MAY RETAIN PRODUCT RESIDUES. AVOID BREATHING VAPOR OR MIST. USE ONLY IN A WELL-VENTILATED AREA. WASH HANDS BEFORE EATING.

STORAGE:
KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. DO NOT STORE ABOVE 120 DEG. F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS I FLAMMABLE LIQUIDS. CONTENTS UNDER PRESSURE. DO NOT EXPOSE TO HEAT OR STORE ABOVE 120 DEG. F.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:
PREVENT BUILD-UP OF VAPORS BY OPENING ALL DOORS AND WINDOWS TO ACHIEVE CROSS-VENTILATION. USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO CONTROL AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. USE EXPLOSION-PROOF VENTILATION EQUIPMENT.

RESPIRATORY PROTECTION:
A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE. A NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE PERMISSIBLE UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED EXPOSURE LIMITS.

PROTECTION PROVIDED BY AIR PURIFYING RESPIRATORS IS LIMITED. USE A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR AN UNCONTROLLED RELEASE, EXPOSURE LEVELS ARE NOT KNOWN, OR IN ANY OTHER CIRCUMSTANCES WHERE AIR PURIFYING RESPIRATORS MAY NOT PROVIDE ADEQUATE PROTECTION.

SKIN PROTECTION:
USE IMPERVIOUS GLOVES TO PREVENT SKIN CONTACT AND ABSORPTION OF THIS MATERIAL THROUGH THE SKIN. NITRILE OR NEOPRENE GLOVES MAY AFFORD ADEQUATE

SKIN PROTECTION.

EYE PROTECTION:

USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

OTHER PROTECTIVE EQUIPMENT:

REFER TO SAFETY SUPERVISOR OR INDUSTRIAL HYGIENIST FOR FURTHER INFORMATION REGARDING PERSONAL PROTECTIVE EQUIPMENT AND ITS APPLICATION.

HYGIENIC PRACTICES:

WASH THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR DENSITY: HEAVIER THAN AIR

ODOR: SOLVENT LIKE

APPEARANCE: AEROSOLIZED MIST

EVAPORATION RATE: FASTER THAN ETHER

SOLUBILITY IN H2O: SLIGHT

FREEZE POINT: N.D.

SPECIFIC GRAVITY: 0.816

pH: N.E.

PHYSICAL STATE: LIQUID

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID:

AVOID TEMPERATURES ABOVE 120 DEG. F. AVOID ALL POSSIBLE SOURCES OF IGNITION.

INCOMPATIBILITY:

INCOMPATIBLE WITH STRONG OXIDIZING AGENTS, STRONG ACIDS AND STRONG ALKALIES.

HAZARDOUS DECOMPOSITION:

WHEN HEATED TO DECOMPOSITION, IT EMITS ACRID SMOKE AND IRRITATING FUMES. BY OPEN FLAME, CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

SECTION 11 - TOXICOLOGICAL INFORMATION

CHEMICAL NAME	LD50	LC50
LIQUEFIED PETROLEUM GAS	N.E.	N.E.
ACETONE	5800 MG/KG (RAT)	50100 MG/M3 (RAT, 8HR)
TITANIUM DIOXIDE	>7500 MG/KG (RAT, ORAL)	N.E.
NAPHTHA	>5000 MG/KG (RAT, ORAL)	N.E.
XYLENE	4300 MG/KG (RAT, ORAL)	5000 PPM (RAT, INHALATION, 4HR)
ETHYLBENZENE	3500 MG/KG (RAT, ORAL)	N.E.
SOLVENT NAPHTHA, LIGHT AROMATIC	4700 MG/KG (RAT, ORAL)	3670 MG/KG (RAT, INHALATION)
DIPROPYLENE GLYCOL MONOBUTYL ETHER	4400 MG/KG (RAT, ORAL)	N.E.
1,2,4-TRIMETHYLBENZENE	N.E.	18000 MG/M3 (RAT, 4HR)

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: PRODUCT IS A MIXTURE OF LISTED COMPONENTS.

SECTION 13 - DISPOSAL INFORMATION

DISPOSAL INFORMATION:

DISPOSE OF MATERIAL IN ACCORDANCE TO LOCAL, STATE AND FEDERAL REGULATIONS AND ORDINANCES. DO NOT ALLOW TO ENTER STORM DRAINS OR SEWER SYSTEMS.

SECTION 14 - TRANSPORTATION INFORMATION

	DOMESTIC (USDOT)	INTERNATIONAL (IMDG)	AIR (IATA)
PROPER SHIPPING NAME	CONSUMER COMMODITY	AEROSOLS	AEROSOLS
HAZARD CLASS	ORM-D	2.1	2.1
UN NUMBER	N.A.	UN1950	UN1950
PACKING GROUP	N.A.	N.A.	N.A.
LIMITED QUANTITY	NO	YES	YES

SECTION 15 - REGULATORY INFORMATION

CERCLA - SARA HAZARD CATEGORY:

THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA "HAZARD CATEGORIES" PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES: IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD, PRESSURIZED GAS HAZARD

SARA SECTION 313:

LISTED BELOW ARE THE SUBSTANCES (IF ANY) CONTAINED IN THIS PRODUCT THAT ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

CHEMICAL NAME	CAS NUMBER
XYLENE	1330-20-7
ETHYLBENZENE	100-41-4
1,2,4-TRIMETHYLBENZENE	95-63-6

TOXIC SUBSTANCES CONTROL ACT:

LISTED BELOW ARE THE SUBSTANCES (IF ANY) CONTAINED IN THIS PRODUCT THAT ARE SUBJECT TO THE REPORTING REQUIREMENTS OF TSCA 12(B) IF EXPORTED FROM THE UNITED STATES:

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:

THE FOLLOWING MATERIALS ARE NON-HAZARDOUS, BUT ARE AMONG THE TOP FIVE COMPONENTS IN THIS PRODUCT.

CHEMICAL NAME	CAS NUMBER
MODIFIED ALKYD	PROPRIETARY

PENNSYLVANIA RIGHT-TO-KNOW:

THE FOLLOWING NON-HAZARDOUS INGREDIENTS ARE PRESENT IN THE PRODUCT AT GREATER THAN 3%.

CHEMICAL NAME	CAS NUMBER
MODIFIED ALKYD	PROPRIETARY

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS:

THIS MSDS HAS BEEN PREPARED IN COMPLIANCE WITH CONTROLLED PRODUCT REGULATIONS EXCEPT FOR THE USE OF THE 16 HEADINGS.

CANADIAN WHMIS CLASS:

AB5
D2A
D2B

SECTION 16 - OTHER INFORMATION

NFPA RATINGS:

HEALTH 2
FLAMMABILITY 4
INSTABILITY 0

VOLATILE ORGANIC COMPOUNDS, G/L: 515

REASON FOR REVISION: REGULATORY UPDATE

LEGEND:

N.A. - NOT APPLICABLE
N.E. - NOT ESTABLISHED
N.D. - NOT DETERMINED

RUST-OLEUM CORPORATION BELIEVES, TO THE BEST OF ITS KNOWLEDGE, INFORMATION AND BELIEF, THE INFORMATION CONTAINED HEREIN TO BE ACCURATE AND RELIABLE AS OF THE DATE OF THIS MATERIAL SAFETY DATA SHEET. HOWEVER, BECAUSE THE CONDITIONS OF HANDLING, USE, AND STORAGE OF THESE MATERIALS ARE BEYOND OUR CONTROL, WE ASSUME NO RESPONSIBILITY OR LIABILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE INCURRED BY THE USE OF THESE MATERIALS. RUST-OLEUM CORPORATION MAKES NO WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OR RELIABILITY OF THE DATA OR RESULTS OBTAINED FROM THEIR USE. ALL MATERIALS MAY PRESENT UNKNOWN HAZARDS AND SHOULD BE USED WITH CAUTION. THE INFORMATION AND RECOMMENDATIONS IN THIS MATERIAL SAFETY DATA SHEET ARE OFFERED FOR THE USERS' CONSIDERATION AND EXAMINATION. IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE FINAL SUITABILITY OF THIS INFORMATION AND TO COMPLY WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.



SAFETY DATA SHEET

Issuing Date January 5, 2015

Revision Date New

Revision Number 0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Clorox® Bleach

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Laundry and household bleach

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

The Clorox Company of Canada Ltd.
150 Biscayne Crescent
Brampton, Ontario L6W 4V3

Emergency telephone number

Emergency Phone Numbers For Medical Emergencies, call: 1-800-446-1014
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Serious eye damage/eye irritation

Category 2A

GHS Label elements, including precautionary statements**Emergency Overview**

Signal word		Warning	
Hazard Statements			
Causes serious eye irritation			
			
Appearance	Clear, pale yellow	Physical State	Liquid
			Odor Bleach

Precautionary Statements - Prevention

Wash hands and any exposed skin thoroughly after handling.
Wear eye protection/face protection such as safety glasses.

Precautionary Statements - Response**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Precautionary Statements - Storage

None

Precautionary Statements - Disposal

None

Hazards not otherwise classified (HNOC)

Not applicable.

Unknown Toxicity

0.06% of the mixture consists of ingredient(s) of unknown toxicity

Other information

Very toxic to aquatic life with long lasting effects.

Interactions with Other Chemicals

Reacts with other household chemicals such as toilet bowl cleaners, rust removers, acids, and ammonia-containing products to produce hazardous gases, such as chlorine and other chlorinated compounds.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Sodium hypochlorite	7681-52-9	1 - 5	*
Sodium hydroxide	1310-73-2	0.1 - 1	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First aid measures**

General Advice	Show this safety data sheet to the doctor in attendance.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin Contact	Take off contaminated clothing. Rinse skin with plenty of water. If irritation develops, call a doctor.
Inhalation	Move to fresh air. If breathing is affected, call a doctor.
Ingestion	Drink a glassful of water. Call a poison control center or doctor immediately. DO NOT induce vomiting unless told to do so by a poison control center or doctor.
Protection of First-aiders	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects	Stinging and irritation of eyes.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with eyes, skin, and clothing. Use personal protective equipment as required.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental Precautions See Section 12 for ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products Toilet bowl cleaners, rust removers, acids, and ammonia-containing products.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Appropriate engineering controls

Engineering Measures

- Showers
- Eyewash stations
- Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection If splashes are likely to occur: Wear safety glasses with side shields (or goggles). None required for consumer use.

Skin and Body Protection Wear rubber or neoprene gloves if there is the potential for repeated or prolonged skin contact.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid	Odor	Bleach
Appearance	Clear	Odor Threshold	No information available
Color	Pale yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	~12.5	None known
Melting/freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	Not flammable	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	~1.05	None known
Water Solubility	Soluble in water	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive Properties	Not explosive	
Oxidizing Properties	No data available	

Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	No data available

10. STABILITY AND REACTIVITY

Reactivity

Reacts with other household chemicals such as toilet bowl cleaners, rust removers, acids, and ammonia-containing products to produce hazardous gases, such as chlorine and other chlorinated compounds.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

None known based on information supplied.

Incompatible materials

Toilet bowl cleaners, rust removers, acids, and ammonia-containing products.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Exposure to vapor or mist may irritate respiratory tract.
Eye Contact	May cause eye irritation.
Skin Contact	Prolonged contact may cause irritation.
Ingestion	Ingestion may cause irritation to mucous membranes and gastrointestinal tract, nausea, vomiting, and diarrhea.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hypochlorite 7681-52-9	8200 mg/kg (Rat)	>10000 mg/kg (Rabbit)	-
Sodium hydroxide 1310-73-2	-	1350 mg/kg (Rabbit)	-

Information on toxicological effects

Symptoms May cause redness and tearing of the eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite 7681-52-9	-	Group 3	-	-

*IARC (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans*

Reproductive Toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic Toxicity Carcinogenic potential is unknown.

Target Organ Effects Respiratory system, eyes, skin, gastrointestinal tract (GI).

Aspiration Hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document
117.20 mg/l ATEmix (4 hr)

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Very toxic to aquatic life with long lasting effects.

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS**Disposal methods**

Dispose of in accordance with all applicable federal, state, and local regulations.

Contaminated Packaging

Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION**DOT**

NOT REGULATED

TDG

UN-No	UN3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Hazard Class	9
Packing Group	III
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III, MARINE POLLUTANT

ICAO

UN-No	UN3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Hazard Class	9
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Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III

IATA

UN-No	UN3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Hazard Class	9
Packing Group	III
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III

IMDG/IMO

UN-No	UN3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Hazard Class	9
Packing Group	III
EmS No.	F-A, S-F
Marine Pollutant	Product is a marine pollutant according to the criteria set by IMDG/IMO
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III, MARINE POLLUTANT

15. REGULATORY INFORMATION

Chemical Inventories

TSCA	All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.
DSL/NDSL	All components are on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite 7681-52-9	100 lb			X
Sodium hydroxide 1310-73-2	1000 lb			X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium hypochlorite 7681-52-9	100 lb	—	RQ 100 lb final RQ RQ 45.4 kg final RQ
Sodium hydroxide 1310-73-2	1000 lb	—	RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Sodium hypochlorite 7681-52-9	X	X	X	X	
Sodium hydroxide 1310-73-2	X	X	X	X	

International Regulations**Canada****WHMIS Hazard Class**

D2B - Toxic materials

**16. OTHER INFORMATION**

NEPA Health Hazard 2 Flammability 0 Instability 0 Physical and Chemical Hazards -

HMIS Health Hazard 2 Flammability 0 Physical Hazard 0 Personal Protection B

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Revision Date New

Revision Note New

Reference 1076851/173214.001

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



FICHE DE DONNÉES DE SÉCURITÉ

Date d'émission 5 janvier 2015

Date de révision Nouvelle

Numéro de révision 0

1. IDENTIFICATION DE LA SUBSTANCE/DE LA PRÉPARATION ET DE LA SOCIÉTÉ/L'ENTREPRISE

Identificateur de produit

Nom du produit Eau de Javel Clorox®

Autres moyens d'identification

Synonymes Aucun

Utilisation recommandée pour le produit chimique et restrictions en matière d'utilisation

Utilisation recommandée Lessive et eau de Javel domestique

Utilisations déconseillées Aucune information disponible

Renseignements concernant le fournisseur de la fiche de données de sécurité

Adresse du fournisseur

The Clorox Company of Canada Ltd.
150 Biscayne Crescent
Brampton, Ontario L6W 4V3

Numéro de téléphone d'urgence

Numéros de téléphone d'urgence Pour des urgences médicales, appelez : 1 800 446-1014
Pour des urgences en matière de transport, appelez Chemtrec : 1 800 424-9300

2. IDENTIFICATION DES DANGERS

Classification

Ce produit chimique est considéré comme dangereux selon la norme sur la communication des renseignements à l'égard des matières dangereuses 2012 d'OSHA (29 CFR 1910.1200)

Lésions oculaires graves/irritation oculaire

Catégorie 2A

Éléments d'étiquetage SGH, y compris les conseils de prudence

Vue d'ensemble des procédures d'urgence

Mot indicateur	Avertissement		
Mentions de danger			
Provoque une sévère irritation des yeux			
			
Apparence	Transparent, jaune pâle	État physique	Liquide
		Odeur	Javellisant

Conseils de prudence - Prévention

Se laver les mains et toute peau exposée à fond après manutention.
Porter une protection oculaire/faciale telle que des lunettes de sécurité.

Conseils de prudence - Réaction

Yeux :

EN CAS DE CONTACT AVEC LES YEUX : Rincer prudemment avec de l'eau pendant plusieurs minutes. Retirer les verres de contact si la victime en porte et qu'il est possible de les retirer facilement. Continuer à rincer. Si l'irritation oculaire persiste : Obtenir une consultation médicale ou des soins médicaux.

Conseils de prudence - Stockage

Aucun

Conseils de prudence - Élimination

Aucun

Dangers non classés ailleurs (DNCA)

Sans objet.

Toxicité inconnue

0,06 % du mélange est constitué d'ingrédients de toxicité inconnue

Autres informations

Très toxique pour les organismes aquatiques, entraîne des effets à long terme

Interactions avec d'autres produits chimiques

Réagit avec d'autres produits chimiques domestiques tels que nettoyants de cuvette de toilette, les produits antirouille, les acides et les produits à base d'ammoniac pour produire des gaz dangereux, comme le chlore et autres produits chlorés.

3. COMPOSITION / INFORMATION SUR LES COMPOSANTS

Nom chimique	N° CAS	% en poids	Secret commercial
Hypochlorite de sodium	7681-52-9	1 - 5	*
Hydroxyde de sodium	1310-73-2	0,1 - 1	*

* Le pourcentage (concentration) exact de composition est retenu comme un secret commercial.

4. PREMIERS SOINS**Premiers soins**

Conseils généraux	Présenter cette fiche signalétique au médecin traitant.
Contact avec les yeux	Rincer immédiatement avec une grande quantité d'eau, également sous les paupières, pendant au moins quinze minutes. Retirer les verres de contact si la victime en porte et qu'il est possible de les retirer facilement. Continuer à rincer. Garder les yeux grands ouverts lors du rinçage. Ne pas frotter la partie touchée. Obtenir des soins médicaux si une irritation se produit et persiste.
Contact avec la peau	Retirer les vêtements contaminés. Rincer la peau avec beaucoup d'eau. En cas d'irritation, appeler un médecin.
Inhalation	Déplacer à l'air frais. Si la respiration est touchée, appeler un médecin.
Ingestion	Boire un verre d'eau. Appeler immédiatement un centre antipoison ou un médecin. NE PAS provoquer de vomissements à moins d'en avoir reçu la directive d'un centre antipoison ou d'un médecin.
Protection des secouristes	Éviter le contact avec la peau, les yeux ou les vêtements. Utiliser l'équipement de protection individuel requis. Porter des vêtements de protection individuelle (voir la section 8).

Symptômes/effets les plus importants, aigus et retardés

Symptômes/effets les plus importants	Picotement et irritation des yeux.
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Indications quant à la nécessité éventuelle d'une prise en charge médicale immédiate ou d'un traitement spécial

Notes au médecin	Traiter en fonction des symptômes.
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5. MESURES À PRENDRE EN CAS D'INCENDIE

Agents extincteurs appropriés

Utiliser des mesures d'extinction appropriées aux circonstances locales et à l'environnement immédiat.

Agents extincteurs inappropriés

ATTENTION : L'utilisation d'une pulvérisation d'eau pour combattre un incendie peut se révéler inefficace.

Dangers spécifiques du produit

Aucune information disponible.

Données sur les risques d'explosion

Sensibilité à un choc mécanique Aucune.

Sensibilité à une décharge statique Aucune.

Équipement de protection et précautions pour les pompiers

Comme avec tout incendie, porter un appareil respiratoire autonome à demande de pression, MSHA/NIOSH (homologué ou équivalent) et une tenue de protection complète.

6. MESURES À PRENDRE EN CAS DE DÉVERSEMENTS ACCIDENTELS

Précautions individuelles, équipement de protection et mesures d'urgence

Précautions individuelles Éviter tout contact avec les yeux, la peau et les vêtements. Utiliser l'équipement de protection individuelle requis.

Autres informations Consulter les mesures de protection données aux sections 7 et 8.

Précautions relatives à l'environnement

Précautions relatives à l'environnement Voir la Section 12 pour des données écologiques.

Méthodes et matériaux pour l'isolation et le nettoyage

Méthodes d'isolation Empêcher d'autres fuites ou déversements lorsqu'il est possible de le faire en toute sécurité.

Méthodes de nettoyage Absorber et conteneuriser. Laver les résidus et les envoyer à un égout sanitaire. Contacter une installation de traitement sanitaire à l'avance pour s'assurer de sa capacité à traiter le matériel emporté.

7. MANUTENTION ET STOCKAGE

Précautions relatives à la sécurité de manutention

Manutention Manipuler conformément aux bonnes pratiques de sécurité et d'hygiène industrielle. Éviter le contact avec la peau, les yeux et les vêtements Ne pas manger, boire ou fumer en manipulant le produit.

Conditions de sécurité de stockage, y compris les incompatibilités

Stockage Conserver les récipients bien fermés dans un endroit sec, frais et bien ventilé.

Produits incompatibles Nettoyants de cuvette de toilette, les produits antirouille, les acides et les produits à base d'ammoniac.

8. CONTRÔLE DE L'EXPOSITION/PROTECTION INDIVIDUELLE

Paramètres de contrôle

Directives relatives à l'exposition

Nom chimique	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydroxyde de sodium 1310-73-2	Valeur plafond : 2 mg/m ³	TWA : 2 mg/m ³	IDLH : 10 mg/m ³ Valeur plafond : 2 mg/m ³

ACGIH TLV : Conférence américaine des hygiénistes industriels gouvernementaux - valeur limite d'exposition OSHA PEL : Administration de la sécurité et de la santé professionnelle - limites d'exposition admissibles NIOSH IDLH : Dangereux immédiatement pour la santé ou la vie.

Contrôles d'ingénierie appropriés

Mesures techniques	Douches Douches oculaires Systèmes de ventilation
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Mesures de protection individuelle telles que les équipements de protection individuelle

Protection des yeux/du visage	En cas d'éclaboussures probables : Porter des lunettes de sécurité à écrans latéraux (ou des lunettes à coques). Aucune nécessaire pour une utilisation par le consommateur.
Protection de la peau et du corps	Porter des gants en caoutchouc ou en néoprène s'il existe une possibilité d'un contact répété ou prolongé avec la peau.
Protection respiratoire	En cas d'irritation ou de dépassement des limites d'exposition, vous devez porter une protection respiratoire approuvée NIOSH/MSHA. Des respirateurs à adduction d'air à pression positive peuvent être requis pour des concentrations élevées de contaminants atmosphériques. Une protection respiratoire doit être fournie conformément à la réglementation locale en cours.
Mesures d'hygiène	Retirer et laver les vêtements contaminés avant de les réutiliser. Éviter le contact avec la peau, les yeux ou les vêtements. Ne pas manger, boire ou fumer en manipulant le produit.

9. PROPRIÉTÉS PHYSIQUES ET CHIMIQUES

Propriétés physiques et chimiques

État physique	Liquide	Odeur	Javellisant
Apparence	Transparent	Seuil olfactif	Aucune information disponible
Couleur	Jaune pâle		

<u>Propriété</u>	<u>Valeurs</u>	<u>Remarques/ Méthode</u>
pH	~ 12,5	Aucune connue
Point de fusion/point de congélation	Aucune donnée disponible	Aucune connue
Point d'ébullition / Domaine d'ébullition	Aucune donnée disponible	Aucune connue
Point d'éclair	Ininflammable	Aucune connue
Taux d'évaporation	Aucune donnée disponible	Aucune connue
Inflammabilité (solide, gaz)	Aucune donnée disponible	Aucune connue
Limites d'inflammabilité dans l'air		
Limite supérieure d'inflammabilité	Aucune donnée disponible	Aucune connue
Limite inférieure d'inflammabilité	Aucune donnée disponible	Aucune connue
Tension de vapeur	Aucune donnée disponible	Aucune connue
Densité de la vapeur	Aucune donnée disponible	Aucune connue
Densité	~ 1,05	Aucune connue
Solubilité dans l'eau	Soluble dans l'eau	Aucune connue
Solubilité dans d'autres solvants	Aucune donnée disponible	Aucune connue
Coefficient de partage : n-octanol/eau	Aucune donnée disponible	Aucune connue
Température d'auto-inflammation	Aucune donnée disponible	Aucune connue
Température de décomposition	Aucune donnée disponible	Aucune connue
Viscosité cinématique	Aucune donnée disponible	Aucune connue
Viscosité dynamique	Aucune donnée disponible	Aucune connue
Propriétés explosives	Non explosif	
Propriétés comburantes	Aucune donnée disponible	
<u>Autres informations</u>		
Point de ramollissement	Aucune donnée disponible	
Teneur en COV (%)	Aucune donnée disponible	
Dimension de particules	Aucune donnée disponible	
Distribution granulométrique	Aucune donnée disponible	

10. STABILITÉ ET RÉACTIVITÉ

Réactivité

Réagit avec d'autres produits chimiques domestiques tels que nettoyants de cuvette de toilette, les produits antirouille, les acides et les produits à base d'ammoniac pour produire des gaz dangereux, comme le chlore et autres produits chlorés.

Stabilité chimique

Stable dans les conditions de stockage recommandées.

Risque de réactions dangereuses

Aucun dans des conditions normales de traitement.

Conditions à éviter

Aucune connue selon les renseignements fournis.

Matériaux incompatibles

Nettoyants de cuvette de toilette, les produits antirouille, les acides et les produits à base d'ammoniac.

Produits de décomposition dangereux

Aucune connue selon les renseignements fournis.

11. DONNÉES TOXICOLOGIQUES

Les voies d'exposition probables

Renseignements sur le produit

Inhalation	Une exposition aux vapeurs ou à la brume peut irriter les voies respiratoires.
Contact avec les yeux	Peut causer une irritation des yeux.
Contact avec la peau	Un contact prolongé peut causer une irritation.
Ingestion	Une ingestion peut provoquer une irritation des muqueuses et du tractus gastro-intestinal, des nausées, des vomissements et une diarrhée.

Informations sur les composants

Nom chimique	DL ₅₀ orale	DL ₅₀ cutanée	CL ₅₀ par inhalation
Hypochlorite de sodium 7681-52-9	8 200 mg/kg (rat)	> 10 000 mg/kg (lapin)	-
Hydroxyde de sodium 1310-73-2	-	1350 mg/kg (lapin)	-

Informations sur les effets toxicologiques

Symptômes Peut causer une rougeur et un larmoiement des yeux.

Les effets retardés et immédiats ainsi que les effets chroniques dus à une exposition à court et long terme

Sensibilisation Aucune information disponible.

Effets mutagènes Aucune information disponible.

Cancérogénicité Le tableau ci-dessous indique si chaque agence a inscrit un ingrédient comme étant cancérigène.

Nom chimique	ACGIH	CIRC	NTP	OSHA
Hypochlorite de sodium 7681-52-9	-	Groupe 3	-	-

CIRC (Centre international de recherche sur le cancer)

Groupe 3 - Ne peut être classifié pour la cancérogénicité chez les humains

Toxicité pour la reproduction	Aucune information disponible.
Toxicité pour certains organes cibles - exposition unique	Aucune information disponible.
Toxicité pour certains organes cibles - exposition répétée	Aucune information disponible.
Toxicité chronique	Le potentiel cancérogène est inconnu.
Effets sur les organes cibles	Appareil respiratoire, yeux, peau, tractus gastro-intestinal (GI).
Danger par aspiration	Aucune information disponible.

Valeurs numériques de la toxicité - Information sur le produit

Les valeurs suivantes sont calculées selon le chapitre 3.1 du document SGH :

117,20 mg/l ETAmél (4 h)

12. DONNÉES ÉCOLOGIQUES

Écotoxicité

Très toxique pour les organismes aquatiques, entraîne des effets à long terme.

Persistance et dégradation

Aucune information disponible.

Bioaccumulation

Aucune information disponible.

Autres effets nocifs

Aucune information disponible.

13. DONNÉES SUR L'ÉLIMINATION DU PRODUIT

Méthodes d'élimination

Éliminer conformément à tous les règlements fédéraux, provinciaux et locaux.

Récipients contaminés

Ne pas réutiliser les récipients vides. Éliminer conformément à tous les règlements fédéraux, provinciaux et locaux.

14. INFORMATIONS RELATIVES AU TRANSPORT

DOT

NON RÉGLEMENTÉ

TMD

Numéro ONU	UN3082
Désignation officielle de transport	MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A.
Classe de danger	9
Groupe d'emballage	III
Description	UN3082, MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A. (HYPOCHLORITE DE SODIUM), 9, III, POLLUANT MARIN

OACI :

Numéro ONU	UN3082
Désignation officielle de transport	MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A.
Classe de danger	9
Groupe d'emballage	III
Description	UN3082, MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A. (HYPOCHLORITE DE SODIUM), 9, III

IATA

Numéro ONU	UN3082
Désignation officielle de transport	MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A.
Classe de danger	9
Groupe d'emballage	III
Description	UN3082, MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A. (HYPOCHLORITE DE SODIUM), 9, III

IMDG/OMI

Numéro ONU	UN3082
Désignation officielle de transport	MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A.
Classe de danger	9
Groupe d'emballage	III
EmS N°	F-A, S-F
Polluant marin	Le produit est un polluant marin selon les critères fixés par l'IMDG/OMI
Description	UN3082, MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A. (HYPOCHLORITE DE SODIUM), 9, III, POLLUANT MARIN

15. INFORMATIONS SUR LA RÉGLEMENTATION**Inventaire de produits chimiques**

TSCA	Tous les composants de ce produit sont soit inscrits sur l'inventaire TSCA 8(b) ou sont exempts d'inscription.
LIS/LES	Tous les composants sont inclus dans la LIS ou la LES.

TSCA - États-Unis - Section 8 (b) de l'inventaire TSCA (loi réglementant les substances toxiques)

LIS/LES – liste intérieure des substances/liste extérieure des substances pour le Canada

ÉTATS-UNIS Règlements fédéraux**SARA 313**

Section 313 du titre III de la loi du Superfund Amendments and Reauthorization Act de 1986 (SARA). Ce produit ne contient aucun produit chimique soumis aux exigences en matière de rapport de la Loi et du titre 40 du Code of Federal Regulations, partie 372

SARA 311/312 Catégories de dangers

Risque aigu pour la santé	Oui
Danger chronique pour la santé	Non
Risque d'incendie	Non
Danger de libération soudaine de pression	Non
Danger de réaction	Non

Loi sur la qualité de l'eau (Clean Water Act)

Ce produit contient les substances suivantes qui sont des polluants réglementés conformément à la loi sur la qualité de l'eau (Clean Water Act) (40 CFR 122.21 et 40 CFR 122.42)

Nom chimique	CWA - quantités à déclarer	CWA - polluants toxiques	CWA - polluants prioritaires	CWA - substances dangereuses
Hypochlorite de sodium 7681-52-9	100 lb			X
Hydroxyde de sodium 1310-73-2	1000 lb			X

CERCLA

Sous sa forme commerciale, ce produit contient une ou plusieurs substances réglementées comme une substance dangereuse en vertu de CERCLA (Comprehensive Environmental Response Compensation and Liability Act) (40 CFR 302)

Nom chimique	Quantités à déclarer de substances dangereuses	Quantités à déclarer de substances très dangereuses	Quantité à déclarer (QD)
Hypochlorite de sodium 7681-52-9	100 lb	–	QD 100 lb QD finale QD 45,4 kg QD finale
Hydroxyde de sodium 1310-73-2	1000 lb	–	QD 1000 lb QD finale QD 454 kg QD finale

États-Unis - Réglementation des états**Proposition 65 de la Californie**

Ce produit ne contient aucun produit chimique de la proposition 65.

Règlement d'état sur le droit à l'information aux États-Unis

Nom chimique	New Jersey	Massachusetts	Pennsylvanie	Rhode Island	Illinois
Hypochlorite de sodium 7681-52-9	X	X	X	X	
Hydroxyde de sodium 1310-73-2	X	X	X	X	

Règlements internationaux**Canada****Classe de dangers du SIMDUT**

D2B - Matières toxiques

**16. AUTRES INFORMATIONS**

NEPA Danger pour la santé 2Inflammabilité 0 Instabilité 0 Propriétés physiques et chimiques -

HMIS Danger pour la santé 2Inflammabilité 0 Danger physique 0 Protection individuelle B

Préparée par Product Stewardship
23 British American Blvd.
Latham, NY 12110
1 800 572-6501

Date de révision Nouvelle

Note de révision Nouvelle

Référence 1076851/173214.001

Avis de non-responsabilité général

À notre connaissance et selon nos renseignements et notre opinion à la date de publication de cette fiche signalétique, les renseignements fournis dans cette dernière sont exacts. Les renseignements donnés sont conçus uniquement comme un guide pour la manipulation, l'utilisation, le traitement, l'entreposage, le transport, l'élimination et le rejet sécuritaires du produit et ne doivent pas être considérés comme une garantie ou une norme de qualité. Les renseignements sont liés uniquement au produit particulier indiqué et peuvent ne pas être valides pour un tel produit utilisé en association avec toute autre substance ou dans tout autre procédé, sauf si indiqué dans le texte.

Fin de la fiche signalétique

MATERIAL SAFETY DATA SHEET

Fox Valley Systems, Inc
640 Industrial Dr.
Cary, IL 60013

Phone: 847-639-5744
Fax: 847-639-8190
Prepared: 23-Apr-2009

SECTION I: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Easy Marker Green
SYNONYMS: Power Paint Cartridge Green, Marking Paint Green
PRODUCT CODES: ETGN2D

MANUFACTURER: Fox Valley Systems, Inc
ADDRESS: 640 Industrial Dr, Cary, IL 60013

INFORMATION PHONE: 1-847-639-5744
INFOTRAC PHONE: 1-800-535-5053, 1-352-323-3500 (IF OUTSIDE U.S.A)
FAX PHONE: 1-847-639-8190

PRODUCT USE: Ground Marking

PREPARED BY: Fox Valley Systems, Inc

SECTION II: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	% by Wt.	ACGIH® TLVs®	OSHA PELs	NIOSH RELs	EC No.
			TWA mg/m³	TWA mg/m³	TWA mg/m³	
Acetone	67-64-1	1-5%	1188	1000	590	200-662-2
Butane	106-97-8	1-5%	1000	N/E	1900	203-448-7
2-Butoxyethanol	111-76-2	1-5%	97	240	24	203-905-0
Ethylbenzene	100-41-4	2-3%	434	435	435	202-849-4
IsoButane	75-28-5	15-20%	1000	N/E	1900	200-857-2
Propane	74-98-6	5-15%	1000	1800	1800	200-827-9
Toluene	108-88-3	10-20%	75	750	190	203-625-9
VM&P Naptha	64742-89-8	5-15%	100	N/E	N/E	265-192-2
Xylene	1330-20-7	8-15%	434	435	435	215-535-7

SECTION III: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Contents under pressure. Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache or nausea. Vapors may cause flash fire or explosion. Extremely flammable liquid and vapor. Harmful if swallowed

ROUTES OF ENTRY: INHALATION of vapor or spray mist
EYE OR SKIN contact with the product vapor or spray mist.

POTENTIAL HEALTH EFFECTS

EYES: Irritation

SKIN: Prolonged or repeated exposure may cause irritation

INGESTION: Swallowing may cause abdominal spasms and other symptoms that parallel over-exposure from inhalation. Aspiration of material into the lungs can cause chemical pneumonitis, which may be fatal.

INHALATION: Inhalation may cause irritation of the upper respiratory tract. Symptoms of overexposure may include fatigue, confusion, headache, dizziness and drowsiness. Peculiar skin sensations (e. g. pins and needles) or numbness may be produced. Very high concentrations may cause unconsciousness and death.

MATERIAL SAFETY DATA SHEET

Fox Valley Systems, Inc
640 Industrial Dr.
Cary, IL 60013

Phone: 847-639-5744
Fax: 847-639-8190
Prepared: 23-Apr-2009

SECTION III: HAZARDS IDENTIFICATION CONT.

CHRONIC HEALTH HAZARDS

Overexposure to Toluene in laboratory animals has been associated with liver abnormalities, kidney, lung and spleen damage. Effects in humans due to chronic overexposure, have included liver and cardiac abnormalities.

Overexposure to Xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen eye and blood damage as well as reproductive disorders. Effects in humans due to chronic overexposure, have included liver, cardiac abnormalities and nervous system disorders.

Overexposure to Ethylbenzene may cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to Ethylbenzene with permanent brain and nervous system damage.

CARCINOGENICITY

IARC: Ethylbenzene is listed as a possible human carcinogen (2B) based on laboratory animal studies.

SECTION VI: FIRST AID MEASURES

EYES: Hold eyes open and flush with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area with soap and water. Get medical attention if irritation or rash develops. Remove contaminated clothing and launder before re-use.

INGESTION: Aspiration hazard. Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. CALL A PHYSICIAN IMMEDIATELY.

SECTION V: FIRE-FIGHTING MEASURES

FLASH POINT: -156° F

UPPER EXPLOSIVE LIMIT: 9.8%
LOWER EXPLOSIVE LIMIT: 1.8%

EXTINGUISHING MEDIA: Dry Chemical, Carbon Dioxide, Water Fog or Spray

SPECIAL FIRE FIGHTING PROCEDURES: Full protective equipment including self-contained breathing apparatus should be used.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Perforation of pressurized containers may cause bursting of the containers. Closed containers may explode when exposed to extreme heat. Flash point is less than -20° F. Extremely flammable liquid and vapor.

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Prepared: 23-Apr-2009

SECTION VI: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Steps should be taken in case material is released or spilled. Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

SECTION VII: HANDLING AND STORAGE

HANDLING AND STORAGE: Use only in a well ventilated area. Avoid breathing mist or vapor. Do not smoke. Extinguish all flames, pilot lights and heaters. Turn off stoves electric tools and appliances and any other sources of ignition.

Do not store above 120°F. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Contents under pressure.

SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Prevent build-up of vapors by opening all doors and windows to achieve cross ventilation.

VENTILATION : A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

RESPIRATORY PROTECTION: If the exposure limit is exceeded and engineering controls are not feasible, a half-face organic vapor respirator may be worn for up to ten times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece organic vapor respirator may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-face piece positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

SKIN PROTECTION: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

EXPOSURE GUIDELINES: See section II

MATERIAL SAFETY DATA SHEET

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Prepared: 23-Apr-2009

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid
ODOR: Solvent Like
PHYSICAL STATE: Liquid
pH AS SUPPLIED: Not Available
BOILING POINT: <0 - 325°F
MELTING POINT: Not Available
FREEZING POINT: Not Available
VAPOR DENSITY (AIR = 1): Heavier than air
EVAPORATION RATE: Faster than Ether
SOLUBILITY IN WATER: Not Available
VOLATILE ORGANIC COMPOUNDS(VOC): <66% by Weight

SECTION X: STABILITY AND REACTIVITY

STABILITY: Stable under normal storage conditions.
CONDITIONS TO AVOID (STABILITY): Avoid temperature above 120°F. Avoid possible sources of ignition.
INCOMPATIBILITY (MATERIAL TO AVOID): None Known
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: When heated to decomposition, it emits acrid smoke and irritating fumes. By fire, Carbon Monoxide and Carbon Dioxide.
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

MATERIAL SAFETY DATA SHEET

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Prepared: 23-Apr-2009

SECTION XI: TOXICOLOGICAL INFORMATION

Ingredient	CAS No.	LD50	Animal, Route	LC50	Exposure	Animal, Route
Acetone	67-64-1					
Butane	106-97-8					
2-Butoxyethanol	111-76-2					
Ethylbenzene	100-41-4	3500 mg/kg	Oral, Rat			
IsoButane	75-28-5					
Propane	74-98-6					
Toluene	108-88-3	636 mg/kg	Oral, Rat	4000 ppm	4 hr	Rat
VM&P Naptha	64742-89-8					
Xylene	1330-20-7	4300mg/kg	Oral, Rat	5000 ppm	4 hr	Rat

SECTION XII: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State and Local Regulations.

SECTION XIV: TRANSPORT INFORMATION

US Ground (DOT)

May be classed as Consumer Commodity, ORM-D
UN1950, AEROSOLS, 2.1, LIMITED QUANTITY, (ERG #126)

Canada (TDG)

May be classed as Consumer Commodity, ORM-D
UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, (ERG #126)

International Maritime Organization (IMO)

May be shipped as Limited Quantity
UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, EMS: F-D, S-U
Marine Pollutant: NO

SECTION 14 NOTES: Proper Shipping Name: Aerosols, Flammable, Consumer Commodity, ORM-D

MATERIAL SAFETY DATA SHEET

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Cary, IL 60013

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Prepared: 23-Apr-2009

SECTION XV: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All chemicals in this product are listed, or are exempt from listing on the TSCA Inventory.

311/312 HAZARD CATEGORIES: ACUTE: Yes
CHRONIC: Yes
FIRE: Yes

313 REPORTABLE INGREDIENTS:

Ingredient	CAS No.	EC No.	% by Wt.
Ethylbenzene	100-41-4	202-849-4	2-3%
Toluene	108-88-3	203-625-9	10-20%
Xylene	1330-20-7	215-535-7	8-15%

STATE REGULATIONS

California: This product contains a chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

FOREIGN REGULATIONS

Canada: WHMIS; Class A, B-5 --Flammable Aerosols--

SECTION XVI: OTHER INFORMATION

HMIS:

Health Hazard: 2
Fire Hazard: 4
Physical Hazard: 0

PREPARATION INFORMATION:

MSDS Revision Date: 23 April 2009
MSDS Author: Regulatory Department

DISCLAIMER: This information should be included in all MSDSs that are copied and distributed for these products.

This data sheet is not part of any contract of sale. The information contained herein is believed to be correct or is obtained from sources believed to be generally reliable. However, it is the responsibility of the user of these materials to investigate, understand and comply with the law and with procedures applicable to the safe handling and use of these materials. Fox Valley Systems, Inc. shall not be liable for any loss or damage directly or indirectly arising from the use of the product, and Fox Valley Systems, Inc. assumes no obligation or liability for reliance on the information contained herein, or omission here from.

MATERIAL SAFETY DATA SHEET

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Prepared: 23-Apr-2009

SECTION I: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Easy Marker Red
SYNONYMS: A.P.W.A. Red, Power Paint Cartridge Red, Marking Paint Red
PRODUCT CODES: ETRU2D

MANUFACTURER: Fox Valley Systems, Inc
ADDRESS: 640 Industrial Dr, Cary, IL 60013

INFORMATION PHONE: 1-847-639-5744
INFOTRAC PHONE: 1-800-535-5053, 1-352-323-3500 (IF OUTSIDE U.S.A)
FAX PHONE: 1-847-639-8190

PRODUCT USE: Ground Marking

PREPARED BY: Fox Valley Systems, Inc

SECTION II: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	% by Wt.	ACGIH® TLVs®	OSHA PELs	NIOSH RELs	EC No.
			TWA mg/m ³	TWA mg/m ³	TWA mg/m ³	
Ethylbenzene	100-41-4	1-2%	434	435	435	202-849-4
IsoButane	75-28-5	15-20%	1000	N/E	1900	200-857-2
Propane	74-98-6	10-20%	1000	1800	1800	200-827-9
Toluene	108-88-3	20-30%	75	750	190	203-625-9
VM&P Naptha	64742-89-8	5-12%	100	N/E	N/E	265-192-2
Xylene	1330-20-7	3-8%	434	435	435	215-535-7

SECTION III: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Contents under pressure. Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache or nausea. Vapors may cause flash fire or explosion. Extremely flammable liquid and vapor. Harmful if swallowed

ROUTES OF ENTRY: INHALATION of vapor or spray mist
EYE OR SKIN contact with the product vapor or spray mist.

POTENTIAL HEALTH EFFECTS

EYES: Irritation

SKIN: Prolonged or repeated exposure may cause irritation

INGESTION: Swallowing may cause abdominal spasms and other symptoms that parallel over-exposure from inhalation. Aspiration of material into the lungs can cause chemical pneumonitis, which may be fatal.

INHALATION: Inhalation may cause irritation of the upper respiratory tract. Symptoms of overexposure may include fatigue, confusion, headache, dizziness and drowsiness. Peculiar skin sensations (e. g. pins and needles) or numbness may be produced. Very high concentrations may cause unconsciousness and death.

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SECTION III: HAZARDS IDENTIFICATION, CONT.

CHRONIC HEALTH HAZARDS

Overexposure to Toluene in laboratory animals has been associated with liver abnormalities, kidney, lung and spleen damage. Effects in humans due to chronic overexposure, have included liver and cardiac abnormalities.

Overexposure to Xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen eye and blood damage as well as reproductive disorders. Effects in humans due to chronic overexposure, have included liver, cardiac abnormalities and nervous system disorders.

Overexposure to Ethylbenzene may cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to Ethylbenzene with permanent brain and nervous system damage.

CARCINOGENICITY

IARC: Ethylbenzene is listed as a possible human carcinogen (2B) based on laboratory animal studies.

SECTION VI: FIRST AID MEASURES

EYES: Hold eyes open and flush with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area with soap and water. Get medical attention if irritation or rash develops. Remove contaminated clothing and launder before re-use.

INGESTION: Aspiration hazard. Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. CALL A PHYSICIAN IMMEDIATELY.

SECTION V: FIRE-FIGHTING MEASURES

FLASH POINT: -156° F

UPPER EXPLOSIVE LIMIT: 9.8%
LOWER EXPLOSIVE LIMIT: 1.8%

EXTINGUISHING MEDIA: Dry Chemical, Carbon Dioxide, Water Fog or Spray

SPECIAL FIRE FIGHTING PROCEDURES: Full protective equipment including self-contained breathing apparatus should be used.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Perforation of pressurized containers may cause bursting of the containers. Closed containers may explode when exposed to extreme heat. Flash point is less than -20° F. Extremely flammable liquid and vapor.

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SECTION VI: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Steps should be taken in case material is released or spilled. Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

SECTION VII: HANDLING AND STORAGE

HANDLING AND STORAGE: Use only in a well ventilated area. Avoid breathing mist or vapor. Do not smoke. Extinguish all flames, pilot lights and heaters. Turn off stoves electric tools and appliances and any other sources of ignition.

Do not store above 120°F. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Contents under pressure.

SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Prevent build-up of vapors by opening all doors and windows to achieve cross ventilation.

VENTILATION : A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

RESPIRATORY PROTECTION: If the exposure limit is exceeded and engineering controls are not feasible, a half-face organic vapor respirator may be worn for up to ten times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece organic vapor respirator may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-face piece positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

SKIN PROTECTION: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

EXPOSURE GUIDELINES: See section II

MATERIAL SAFETY DATA SHEET

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Prepared: 23-Apr-2009

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid
ODOR: Solvent Like
PHYSICAL STATE: Liquid
pH AS SUPPLIED: Not Available
BOILING POINT: <0 - 325°F
MELTING POINT: Not Available
FREEZING POINT: Not Available
VAPOR DENSITY (AIR = 1): Heavier than air
EVAPORATION RATE: Faster than Ether
SOLUBILITY IN WATER: Not Available
VOLATILE ORGANIC COMPOUNDS(VOC): <66% by Weight

SECTION X: STABILITY AND REACTIVITY

STABILITY: Stable under normal storage conditions.
CONDITIONS TO AVOID (STABILITY): Avoid temperature above 120°F. Avoid possible sources of ignition.
INCOMPATIBILITY (MATERIAL TO AVOID): None Known
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: When heated to decomposition, it emits acrid smoke and irritating fumes. By fire, Carbon Monoxide and Carbon Dioxide.
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

SECTION XI: TOXICOLOGICAL INFORMATION

Ingredient	CAS No.	LD50	Animal,Route	LC50	Exposure	Animal,Route
Ethylbenzene	100-41-4	3500 mg/kg	Oral, Rat			
IsoButane	75-28-5					
Propane	74-98-6					
Toluene	108-88-3	636 mg/kg	Oral, Rat	4000 ppm	4 hr	Rat
VM&P Naptha	64742-89-8					
Xylene	1330-20-7	4300mg/kg	Oral, Rat	5000 ppm	4 hr	Rat

SECTION XII: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available

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Prepared: 23-Apr-2009

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State and Local Regulations.

SECTION XIV: TRANSPORT INFORMATION

US Ground (DOT)

May be classed as Consumer Commodity, ORM-D
UN1950, AEROSOLS, 2.1, LIMITED QUANTITY, (ERG #126)

Canada (TDG)

May be classed as Consumer Commodity, ORM-D
UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, (ERG #126)

International Maritime Organization (IMO)

May be shipped as Limited Quantity
UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, EMS: F-D, S-U
Marine Pollutant: NO

SECTION 14 NOTES: Proper Shipping Name: Aerosols, Flammable, Consumer Commodity, ORM-D

MATERIAL SAFETY DATA SHEET

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Prepared: 23-Apr-2009

SECTION XV: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All chemicals in this product are listed, or are exempt from listing on the TSCA Inventory.

311/312 HAZARD CATEGORIES: ACUTE: Yes
CHRONIC: Yes
FIRE: Yes

313 REPORTABLE INGREDIENTS:

Ingredient	CAS No.	EC No.	% by Wt.
Ethylbenzene	100-41-4	202-849-4	1-2%
Toluene	108-88-3	203-625-9	20-30%
Xylene	1330-20-7	215-535-7	3-8%

STATE REGULATIONS

California: This product contains a chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

FOREIGN REGULATIONS

Canada: WHMIS; Class A, B-5 --Flammable Aerosols--

SECTION XVI: OTHER INFORMATION

HMIS:

Health Hazard: 2
Fire Hazard: 4
Physical Hazard: 0

PREPARATION INFORMATION:

MSDS Revision Date: 17-April-2012
MSDS Author: Regulatory Department

DISCLAIMER: This information should be included in all MSDSs that are copied and distributed for these products.

This data sheet is not part of any contract of sale. The information contained herein is believed to be correct or is obtained from sources believed to be generally reliable. However, it is the responsibility of the user of these materials to investigate, understand and comply with the law and with procedures applicable to the safe handling and use of these materials. Fox Valley Systems, Inc. shall not be liable for any loss or damage directly or indirectly arising from the use of the product, and Fox Valley Systems, Inc. assumes no obligation or liability for reliance on the information contained herein, or omission here from.

Safety Data Sheet

Printing date 04/25/2017

Revised On 04/25/2017

1 Identification of the substance and manufacturer

Trade name: FLUORESCENT ORANGE SURVEY MARKER

Product code: 0000201857

Product category: PC9a Paints and coatings.

Manufacturer/Supplier: Seymour of Sycamore
917 Crosby Avenue
Sycamore, IL 60178
phone: 815-895-9101
www.seymourpaint.com

Emergency telephone number: CHEMTEL 1-800-255-3924, or 813-248-0585.

2 Hazard(s) identification

Classification of the substance or mixture

Flam. Aerosol 2 H223 Flammable aerosol.

Press. Gas H280 Contains gas under pressure; may explode if heated.

STOT SE 3 H335 May cause respiratory irritation.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

Signal word

Warning

Hazard statements

Flammable aerosol.

Contains gas under pressure; may explode if heated.

May cause respiratory irritation.

Precautionary statements

May cause damage to organs through prolonged or repeated exposure.

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Use only outdoors or in a well-ventilated area.

Do not breathe dust/fume/gas/mist/vapors/spray.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor if you feel unwell.

Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Protect from sunlight. Store in a well-ventilated place.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Chemical Description:

This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

74-98-6	propane	15.12%
1317-65-3	Calcium Carbonate	11.84%
64742-89-8	VM&P Naphtha	11.31%
106-97-8	n-butane	8.88%
64742-47-8	Mineral Spirits	6.17%
67-63-0	Isopropyl Alcohol	3.21%
142-82-5	heptane	2.74%
68410-97-9	Low boiling point naphtha	1.01%

4 First-aid measures

After inhalation:

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Remove contaminated clothing. Wash exposed area with soap and water.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Rinse mouth with water. Do not induce vomiting.

Most important symptoms and effects:

Dizziness

Indication of any immediate medical attention needed:

No further relevant information available.

5 Fire-fighting measures

Extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards:

No further relevant information available.

Protective equipment for firefighters:

A respiratory protective device may be necessary.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use respiratory protective device against the effects of fumes/dust/aerosol.

(Contd. on page 2)

Safety Data Sheet

Printing date 04/25/2017

Revised On 04/25/2017

Trade name: FLUORESCENT ORANGE SURVEY MARKER

(Contd. of page 1)

Methods and material for containment and cleaning up: Absorb liquid components with liquid-binding material.

7 Handling and storage

Precautions for safe handling Use only in well ventilated areas.
Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8 Exposure controls/personal protection**Components with limit values that require monitoring at the workplace:****74-98-6 propane**

REL (USA) Long-term value: 1800 mg/m³, 1000 ppm
 REL (USA) Long-term value: 1800 mg/m³, 1000 ppm
 TLV (USA) refer to Appendix F in TLVs&BEIs book; NIC-EX

106-97-8 n-butane

REL (USA) Long-term value: 1900 mg/m³, 800 ppm
 TLV (USA) Short-term value: (2370) mg/m³, (1000) ppm
 NIC-EX

67-63-0 Isopropyl Alcohol

REL (USA) Long-term value: 980 mg/m³, 400 ppm
 REL (USA) Short-term value: 1225 mg/m³, 500 ppm
 Long-term value: 980 mg/m³, 400 ppm
 TLV (USA) Short-term value: 984 mg/m³, 400 ppm
 Long-term value: 492 mg/m³, 200 ppm
 BEI

142-82-5 heptane

REL (USA) Long-term value: 2000 mg/m³, 500 ppm
 REL (USA) Long-term value: 350 mg/m³, 85 ppm
 Ceiling limit value: 1800* mg/m³, 440* ppm
 *15-min
 TLV (USA) Short-term value: 2050 mg/m³, 500 ppm
 Long-term value: 1640 mg/m³, 400 ppm

Ingredients with biological limit values:**67-63-0 Isopropyl Alcohol**

BEI (USA) 40 mg/L
 Medium: urine
 Time: end of shift at end of workweek
 Parameter: Acetone (background, nonspecific)

Hygienic protection: Wash hands after use.
 Do not eat or drink while working.
Breathing equipment: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.
Hand protection: Nitrile gloves.
 Protective gloves. The glove material must be impermeable and resistant to the substance.
Eye protection: Safety glasses

9 Physical and chemical properties

Appearance: Aerosol.
Odor: Aromatic
Odor threshold: Not determined.
pH-value: Not determined.
Melting point/Melting range Undetermined.
Boiling point: -44 °C (-47 °F)
Flash point: -19 °C (-2 °F)
Decomposition temperature: Not determined.
Auto igniting: Product is not self-igniting.
Danger of explosion: Not determined.
Lower Explosion Limit: 1.7 Vol %
Upper Explosion Limit: 10.9 Vol %
Vapor pressure: Not determined.
Relative Density: Between 0.77 and 0.85 (Water equals 1.00)
Vapor density Not determined.
Evaporation rate Not applicable.
Partition coefficient: n-octonal/water: Not determined.
Solubility: Not determined.
Viscosity: Not determined.
VOC content: 507.7 g/l / 4.24 lb/gl
Water: 24.1 %

(Contd. on page 3)

Safety Data Sheet

Printing date 04/25/2017

Revised On 04/25/2017

Trade name: FLUORESCENT ORANGE SURVEY MARKER

(Contd. of page 2)

Solids content: 76.0 %

10 Stability and reactivity

Reactivity: Stable at normal temperatures.
Conditions to avoid: Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
Chemical stability: Not fully evaluated.
Possibility of hazardous reactions: No dangerous reactions known.
Incompatible materials: No further relevant information available.
Hazardous decomposition: No dangerous decomposition products known.

11 Toxicological information

LD/LC50 values that are relevant for classification:

106-97-8 n-butane

Inhalative LC50/4 h 658 mg/l (rat)

67-63-0 Isopropyl Alcohol

Oral LD50 4570 mg/kg (rat)

Dermal LD50 13400 mg/kg (rab)

Inhalative LC50/4 h 30 mg/l (rat)

Information on toxicological effects: No data available.
Skin effects: No irritant effect.
Eye effects: No irritating effect.
Sensitization: No sensitizing effects known.

12 Ecological information

Aquatic toxicity: Hazardous for water, do not empty into drains.
Persistence and degradability: The product is degradable after prolonged exposure to natural weathering processes.
Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.
Ecotoxicological effects:
Remark: Toxic for fish
Other adverse effects: No further relevant information available.

13 Disposal considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.
Recommendation: Completely empty cans should be recycled.

14 Transport information

UN-Number UN1950
DOT N/A
DOT Consumer Commodity ORM-D
ADR Aerosols, flammable
Transport hazard class(es): 1950 Aerosols, ENVIRONMENTALLY HAZARDOUS
Class 2.1
Marine pollutant: Symbol (fish and tree)
Special marking (ADR): Symbol (fish and tree)
Special precautions for user: Warning: Gases
EMS Number: F-D,S-U
Stowage Code SW1 Protected from sources of heat.
 SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

IMDG

Limited quantities (LQ) 1L
Packaging Group: --
UN "Model Regulation": UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

15 Regulatory information

SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

67-63-0 Isopropyl Alcohol

Toxic Substances Control Act (TSCA):

All ingredients for this product are found on the inventory list of substances.

(Contd. on page 4)

Safety Data Sheet

Printing date 04/25/2017

Revised On 04/25/2017

Trade name: FLUORESCENT ORANGE SURVEY MARKER

(Contd. of page 3)

**Consumer Product Safety
Commission (CPSC):**

This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

100-41-4 ethyl benzene

California Proposition 65 chemicals known to cause birth defects or reproductive harm:

None of the ingredients in this product are listed.

**CANADIAN ENVIRONMENTAL
PROTECTION ACT:
WHMIS Symbols for Canada:**
All hazardous ingredients for this product appear on the Canadian Domestic Substance List.
A - Compressed gas
EPA:

142-82-5 heptane

D

16 Other information
Contact:

Regulatory Affairs

Date of preparation / last revision

04/25/2017 / -

Safety Data Sheet



1. Identification

Product Name:	IC SSPR 6PK FLUORESCENT PINK	Revision Date:	12/13/2016
Product Identifier:	1659830	Supersedes Date:	7/12/2016
Product Use/Class:	Topcoat/Aerosols		
Supplier:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA	Manufacturer:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA
	Rust-Oleum Consumer Brands Canada (RCBC) 200 Confederation Parkway Concord, ON L4K 4T8 Canada		
Preparer:	Regulatory Department		
Emergency Telephone:	24 Hour Hotline: 847-367-7700		

2. Hazard Identification

Classification

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

29% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

Flammable Aerosol, category 1	H222	Extremely flammable aerosol.
Compressed Gas	H280	Contains gas under pressure; may explode if heated.
Carcinogenicity, category 2	H351	Suspected of causing cancer.
STOT, repeated exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.
Eye Irritation, category 2	H319	Causes serious eye irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
P410+P403	Protect from sunlight. Store in a well-ventilated place.
P201	Obtain special instructions before use.

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local, regional and national regulations.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P314	Get medical advice/attention if you feel unwell.
P264	Wash hands thoroughly after handling.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P272	Contaminated work clothing should not be allowed out of the workplace.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P321	For specific treatment see label

GHS SDS PRECAUTIONARY STATEMENTS

P363 Wash contaminated clothing before reuse.

3. Composition/Information On Ingredients

HAZARDOUS SUBSTANCES

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt.% Range</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Naphtha, Petroleum, Hydrotreated Light	64742-49-0	25-50	GHS08	H304
Propane	74-98-6	10-25	GHS04	H280
n-Butane	106-97-8	2.5-10	GHS04	H280
Xylenes (o-, m-, p- isomers)	1330-20-7	2.5-10	GHS02-GHS07	H226-315-319-332
Acetone	67-64-1	2.5-10	GHS02-GHS07	H225-319-332-336
Talc (Hydrous Magnesium Silicate)	14807-96-6	2.5-10	Not Available	Not Available
Hydrotreated Light Distillate	64742-47-8	2.5-10	GHS08	H304
Ethylbenzene	100-41-4	1.0-2.5	GHS02-GHS07-GHS08	H225-304-332-351-373
Stoddard Solvent	8052-41-3	0.1-1.0	GHS08	H304-372
Methyl Ethyl Ketoxime	96-29-7	0.1-1.0	GHS05-GHS06	H302-312-317-318-331

4. First-aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation.

FIRST AID - INGESTION: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. If swallowed, get medical attention.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: FLASH POINT IS LESS THAN 20°F. EXTREMELY FLAMMABLE LIQUID AND VAPOR! Water spray may be ineffective. Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can. Closed containers may explode when exposed to extreme heat due to buildup of steam. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Evacuate area and fight fire from a safe distance. Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Use only in a well-ventilated area. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing.

STORAGE: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Contents under pressure. Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of NFPA Class I flammable liquids. Contents under pressure. Do not expose to heat or store above 120 ° F. Product should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials. Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat.

8. Exposure Controls/Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Naphtha, Petroleum, Hydrotreated Light	64742-49-0	30.0	N.E.	N.E.	N.E.	N.E.
Propane	74-98-6	20.0	N.E.	N.E.	1000 ppm	N.E.
n-Butane	106-97-8	10.0	N.E.	1000 ppm	N.E.	N.E.
Xylenes (o-, m-, p- isomers)	1330-20-7	10.0	100 ppm	150 ppm	100 ppm	N.E.
Acetone	67-64-1	10.0	250 ppm	500 ppm	1000 ppm	N.E.
Talc (Hydrous Magnesium Silicate)	14807-96-6	5.0	2 mg/m3	N.E.	N.E.	N.E.
Hydrotreated Light Distillate	64742-47-8	5.0	N.E.	N.E.	N.E.	N.E.
Ethylbenzene	100-41-4	5.0	20 ppm	N.E.	100 ppm	N.E.
Stoddard Solvent	8052-41-3	1.0	100 ppm	N.E.	500 ppm	N.E.
Methyl Ethyl Ketoxime	96-29-7	1.0	10 ppm	N.E.	N.E.	N.E.

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation. Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

SKIN PROTECTION: Use impervious gloves to prevent skin contact and absorption of this material through the skin. Nitrile or Neoprene gloves may afford adequate skin protection. Use gloves to prevent prolonged skin contact.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application. Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

9. Physical and Chemical Properties

Appearance:	Aerosolized Mist	Physical State:	Liquid
Odor:	Solvent Like	Odor Threshold:	N.E.
Relative Density:	0.789	pH:	N.A.
Freeze Point, °C:	N.D.	Viscosity:	N.D.
Solubility in Water:	Slight	Partition Coefficient, n-octanol/water:	N.D.
Decomposition Temp., °C:	N.D.	Explosive Limits, vol%:	0.9 - 13.0
Boiling Range, °C:	-37 - 537	Flash Point, °C:	-96
Flammability:	Supports Combustion	Auto-ignition Temp., °C:	N.D.
Evaporation Rate:	Faster than Ether	Vapor Pressure:	N.D.
Vapor Density:	Heavier than Air		

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid temperatures above 120°F (49°C). Avoid all possible sources of ignition. Avoid contact with strong acid and strong bases.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalis.

HAZARDOUS DECOMPOSITION: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

11. Toxicological information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes Serious Eye Irritation

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Substance may cause slight skin irritation. Prolonged or repeated contact may cause skin irritation. May cause skin irritation. Allergic reactions are possible.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

EFFECTS OF OVEREXPOSURE - INGESTION: Aspiration hazard if swallowed; can enter lungs and cause damage. Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
64742-49-0	Naphtha, Petroleum, Hydrotreated Light	>5000 mg/kg Rat	>3160 mg/kg Rabbit	>4951 mg/L Rat
74-98-6	Propane	N.I.	N.I.	658 mg/L Rat
106-97-8	n-Butane	N.I.	N.I.	658 mg/L Rat
1330-20-7	Xylenes (o-, m-, p- isomers)	3500 mg/kg Rat	>4350 mg/kg Rabbit	29.08 mg/L Rat
67-64-1	Acetone	5800 mg/kg Rat	>15700 mg/kg Rabbit	50.1 mg/L Rat
14807-96-6	Talc (Hydrous Magnesium Silicate)	6000	N.I.	30
64742-47-8	Hydrotreated Light Distillate	>5000 mg/kg Rat	>2000 mg/kg Rabbit	>5000 mg/L Rat
100-41-4	Ethylbenzene	3500 mg/kg Rat	15400 mg/kg Rabbit	17.4 mg/L Rat
96-29-7	Methyl Ethyl Ketoxime	930 mg/kg Rat	1100 mg/kg Rabbit	>4.8 mg/L Rat

N.I. - No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components. Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

14. Transport Information

	<u>Domestic (USDOT)</u>	<u>International (IMDG)</u>	<u>Air (IATA)</u>	<u>TDG (Canada)</u>
UN Number:	N.A.	1950	1950	N.A.
Proper Shipping Name:	Paint Products in Limited Quantities	Aerosols	Aerosols	Paint Products in Limited Quantities
Hazard Class:	N.A.	2.1	2.1	N.A.
Packing Group:	N.A.	N.A.	N.A.	N.A.
Limited Quantity:	Yes	Yes	Yes	Yes

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Pressure Hazard, Acute Health Hazard, Chronic Health Hazard

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
Xylenes (o-, m-, p- isomers)	1330-20-7
Ethylbenzene	100-41-4

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

16. Other Information**HMIS RATINGS**

Health: 2* Flammability: 4 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 2 Flammability: 4 Instability: 0

VOLATILE ORGANIC COMPOUNDS, g/L: 570

SDS REVISION DATE: 12/13/2016

REASON FOR REVISION: Substance Hazard Threshold % Changed
Substance and/or Product Properties Changed in Section(s):
01 - Identification
02 - Hazard Identification
03 - Composition/Information on Ingredients
08 - Exposure Controls/Personal Protection
11 - Toxicological Information
15 - Regulatory Information
Product Composition Changed
Substance Chemical Name Changed
Statement(s) Changed

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

Safety Data Sheet

Printing date 01/05/2017

Revised On 01/05/2017

1 Identification of the substance and manufacturer

Trade name: FLUOR. RED/ORANGE
Product code: 0000200658
Product category: PC9a Paints and coatings.
Manufacturer/Supplier: Seymour of Sycamore
 917 Crosby Avenue
 Sycamore, IL 60178
 phone: 815-895-9101
 www.seymourpaint.com
Emergency telephone number: CHEMTEL 1-800-255-3924, or 813-248-0585.

2 Hazard(s) identification

Classification of the substance or mixture

Flam. Aerosol 1 H222 Extremely flammable aerosol.
 Press. Gas H280 Contains gas under pressure; may explode if heated.
 STOT SE 3 H335 May cause respiratory irritation.
 STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

Signal word

Hazard statements

Danger
 Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 May cause respiratory irritation.
 May cause damage to organs through prolonged or repeated exposure.
 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Do not spray on an open flame or other ignition source.
 Do not pierce or burn, even after use.
 Use only outdoors or in a well-ventilated area.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 Call a POISON CENTER/doctor if you feel unwell.
 Store locked up.
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
 Protect from sunlight. Store in a well-ventilated place.
 Store in a well-ventilated place. Keep container tightly closed.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

Precautionary statements

3 Composition/information on ingredients

Chemical characterization: Mixtures

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

64742-89-8	VM&P Naphtha	18.38%
74-98-6	propane	15.13%
1317-65-3	Calcium Carbonate	11.52%
106-97-8	n-butane	8.88%
64742-47-8	Mineral Spirits	3.77%
110-19-0	Isobutyl Acetate	3.23%

4 First-aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing: Rinse out mouth and then drink plenty of water.
 Rinse mouth with water. Do not induce vomiting.
Most important symptoms and effects: Dizziness
Indication of any immediate medical attention needed: No further relevant information available.

5 Fire-fighting measures

Extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray.
Special hazards: Can form explosive gas-air mixtures.
Protective equipment for firefighters: A respiratory protective device may be necessary.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
 Use respiratory protective device against the effects of fumes/dust/aerosol.

(Contd. on page 2)

Safety Data Sheet

Printing date 01/05/2017

Revised On 01/05/2017

Trade name: FLUOR. RED/ORANGE

(Contd. of page 1)

Methods and material for containment and cleaning up: Ensure adequate ventilation.

7 Handling and storage

Precautions for safe handling Use only in well ventilated areas.
Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8 Exposure controls/personal protection**Components with limit values that require monitoring at the workplace:****74-98-6 propane**

PEL (United States GHS) Long-term value: 1800 mg/m³, 1000 ppm
 REL (United States GHS) Long-term value: 1800 mg/m³, 1000 ppm
 TLV (United States GHS) refer to Appendix F in TLVs&BEIs book; NIC-EX

106-97-8 n-butane

REL (United States GHS) Long-term value: 1900 mg/m³, 800 ppm
 TLV (United States GHS) Short-term value: (2370) mg/m³, (1000) ppm
 NIC-EX

110-19-0 Isobutyl Acetate

PEL (United States GHS) Long-term value: 700 mg/m³, 150 ppm
 REL (United States GHS) Long-term value: 700 mg/m³, 150 ppm
 TLV (United States GHS) Short-term value: 172 mg/m³, 150 ppm
 Long-term value: 238 mg/m³, 50 ppm

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use.

Breathing equipment: Wash hands after use.
 Do not eat or drink while working.
 A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection: Nitrile gloves.

Eye protection: Protective gloves. The glove material must be impermeable and resistant to the substance.
 Tightly sealed goggles

9 Physical and chemical properties

Appearance: Aerosol.
Odor: Aromatic
Odor threshold: Not determined.
pH-value: Not determined.
Melting point/Melting range Undetermined.
Boiling point: -44 °C (-47 °F)
Flash point: -19 °C (-2 °F)
Flammability (solid, gas): Extremely flammable.
Decomposition temperature: Not determined.
Auto igniting: Product is not self-igniting.
Danger of explosion: In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit: 1.7 Vol %
Upper Explosion Limit: 10.9 Vol %
Vapor pressure: Not determined.
Relative Density: Between 0.77 and 0.85 (Water equals 1.00)
Vapor density Not determined.
Evaporation rate Not applicable.
Partition coefficient: n-octanol/water: Not determined.
Solubility: Not determined.
Viscosity: Not determined.
VOC content (less exempt solvents): 50.6 %
Water: 24.6 %
MIR Value: 0.58
Solids content: 23.7 %

10 Stability and reactivity

Reactivity: Stable at normal temperatures.
Conditions to avoid: Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
Chemical stability: Not fully evaluated.
Possibility of hazardous reactions: No dangerous reactions known.
Incompatible materials: No further relevant information available.
Hazardous decomposition: No dangerous decomposition products known.

(Contd. on page 3)

Safety Data Sheet

Printing date 01/05/2017

Revised On 01/05/2017

Trade name: FLUOR. RED/ORANGE

(Contd. of page 2)

11 Toxicological information

LD/LC50 values that are relevant for classification:

106-97-8 n-butane

Inhalative LC50/4 h 658 mg/l (rat)

110-19-0 Isobutyl Acetate

Oral LD50 4763 mg/kg (rbt)

Information on toxicological effects: No data available.

Skin effects: No irritant effect.

Eye effects: No irritating effect.

Sensitization: No sensitizing effects known.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

Aquatic toxicity: Hazardous for water, do not empty into drains.

Persistence and degradability: The product is degradable after prolonged exposure to natural weathering processes.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Other adverse effects: No further relevant information available.

13 Disposal considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation: Completely empty cans should be recycled.

14 Transport information

UN-Number UN1950

DOT N/A

UN1950

DOT Consumer Commodity ORM-D

Aerosols, flammable

ADR 1950 Aerosols

Transport hazard class(es):

Class 2.1

Marine pollutant: No

Special precautions for user: Warning: Gases

EMS Number: F-D,S-U

Packaging Group: --

UN "Model Regulation": UN1950, Aerosols, 2.1

15 Regulatory information

SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

TSCA: All ingredients are listed.

CPSC: This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

100-41-4 ethyl benzene

CANADIAN ENVIRONMENTAL

PROTECTION ACT:

WHMIS Symbols for Canada:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.
A - Compressed gas

EPA:

110-19-0 Isobutyl Acetate

D

16 Other information

Contact: Regulatory Affairs

Date of preparation / last revision 01/05/2017 / -

Safety Data Sheet

Printing date 01/05/2017

Revised On 01/05/2017

1 Identification of the substance and manufacturer

Trade name: UTILITY YELLOW

Product code: 0000200678

Product category: PC9a Paints and coatings.

Manufacturer/Supplier: Seymour of Sycamore
917 Crosby Avenue
Sycamore, IL 60178
phone: 815-895-9101
www.seymourpaint.com

Emergency telephone number: CHEMTEL 1-800-255-3924, or 813-248-0585.

2 Hazard(s) identification

Classification of the substance or mixture

Flam. Aerosol 1 H222 Extremely flammable aerosol.

Press. Gas H280 Contains gas under pressure; may explode if heated.

STOT SE 3 H335 May cause respiratory irritation.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

Signal word

Hazard statements

Danger

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

May cause respiratory irritation.

May cause damage to organs through prolonged or repeated exposure.

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Use only outdoors or in a well-ventilated area.

Do not breathe dust/fume/gas/mist/vapors/spray.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor if you feel unwell.

Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Protect from sunlight. Store in a well-ventilated place.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Precautionary statements

3 Composition/information on ingredients

Chemical characterization: Mixtures

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

64742-89-8	VM&P Naphtha	17.97%
74-98-6	propane	17.64%
1317-65-3	Calcium Carbonate	15.85%
106-97-8	n-butane	10.36%
64742-47-8	Mineral Spirits	4.44%

4 First-aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: Rinse out mouth and then drink plenty of water.
Rinse mouth with water. Do not induce vomiting.

Most important symptoms and effects: Dizziness

Indication of any immediate medical attention needed: No further relevant information available.

5 Fire-fighting measures

Extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards: Can form explosive gas-air mixtures.

Protective equipment for firefighters: A respiratory protective device may be necessary.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.

(Contd. on page 2)

Safety Data Sheet

Printing date 01/05/2017

Revised On 01/05/2017

Trade name: UTILITY YELLOW

Methods and material for containment and cleaning up:

Ensure adequate ventilation.

(Contd. of page 1)

7 Handling and storage

Precautions for safe handling
Storage requirements:

Use only in well ventilated areas.

Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:

74-98-6 propane

PEL (United States GHS) Long-term value: 1800 mg/m³, 1000 ppmREL (United States GHS) Long-term value: 1800 mg/m³, 1000 ppm

TLV (United States GHS) refer to Appendix F in TLVs&BEIs book; NIC-EX

106-97-8 n-butane

REL (United States GHS) Long-term value: 1900 mg/m³, 800 ppmTLV (United States GHS) Short-term value: (2370) mg/m³, (1000) ppm
NIC-EX

Hygienic protection:

Keep away from foodstuffs and animal feed. Wash hands after use.

Wash hands after use.

Do not eat or drink while working.

Breathing equipment:

A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection:

Nitrile gloves.

Protective gloves. The glove material must be impermeable and resistant to the substance.

Eye protection:

Tightly sealed goggles

9 Physical and chemical properties

Appearance:

Aerosol.

Odor:

Aromatic

Odor threshold:

Not determined.

pH-value:

Not determined.

Melting point/Melting range

Undetermined.

Boiling point:

-44 °C (-47 °F)

Flash point:

-19 °C (-2 °F)

Flammability (solid, gas):

Extremely flammable.

Decomposition temperature:

Not determined.

Auto igniting:

Product is not self-igniting.

Danger of explosion:

In use, may form flammable/explosive vapour-air mixture.

Lower Explosion Limit:

1.5 Vol %

Upper Explosion Limit:

10.9 Vol %

Vapor pressure:

Not determined.

Relative Density:

Between 0.77 and 0.85 (Water equals 1.00)

Vapor density

Not determined.

Evaporation rate

Not applicable.

Partition coefficient: n-octanol/water:

Not determined.

Solubility:

Not determined.

Viscosity:

Not determined.

VOC content (less exempt solvents):

51.7 %

Water:

22.3 %

MIR Value:

0.58

Solids content:

24.8 %

10 Stability and reactivity

Reactivity:

Stable at normal temperatures.

Conditions to avoid:

Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.

Chemical stability:

Not fully evaluated.

Possibility of hazardous reactions:

No dangerous reactions known.

Incompatible materials:

No further relevant information available.

Hazardous decomposition:

No dangerous decomposition products known.

11 Toxicological information

LD/LC50 values that are relevant for classification:

106-97-8 n-butane

Inhalative LC50/4 h 658 mg/l (rat)

Information on toxicological effects:

No data available.

Skin effects:

No irritant effect.

(Contd. on page 3)

Safety Data Sheet

Printing date 01/05/2017

Revised On 01/05/2017

Trade name: UTILITY YELLOW

(Contd. of page 2)

Eye effects: No irritating effect.
Sensitization: No sensitizing effects known.

Carcinogenic categories**IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

Aquatic toxicity: Hazardous for water, do not empty into drains.
Persistence and degradability: The product is degradable after prolonged exposure to natural weathering processes.
Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.
Other adverse effects: No further relevant information available.

13 Disposal considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.
Recommendation: Completely empty cans should be recycled.

14 Transport information

UN-Number UN1950
DOT N/A
DOT Consumer Commodity ORM-D
ADR Aerosols, flammable
Transport hazard class(es): 1950 Aerosols
Class 2.1
Marine pollutant: No
Special precautions for user: Warning: Gases
EMS Number: F-D,S-U
Stowage Code SW1 Protected from sources of heat.
 SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
Quantity limitations On passenger aircraft/rail: 75 kg
 On cargo aircraft only: 150 kg

ADR
Excepted quantities (EQ) Code: E0
 Not permitted as Excepted Quantity

IMDG

Limited quantities (LQ) 1L
Excepted quantities (EQ) Code: E0
 Not permitted as Excepted Quantity

Packaging Group: --
UN "Model Regulation": UN 1950 AEROSOLS, 2.1

15 Regulatory information**SARA Section 355 (extremely hazardous substances):**

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

TSCA: All ingredients are listed.
CPSC: This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

13463-67-7 titanium dioxide

100-41-4 ethyl benzene

CANADIAN ENVIRONMENTAL PROTECTION ACT: WHMIS Symbols for Canada:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.
 A - Compressed gas

**EPA:**

None of the ingredients is listed.

(Contd. on page 4)

Safety Data Sheet

Printing date 01/05/2017

Revised On 01/05/2017

Trade name: UTILITY YELLOW

(Contd. of page 3)

16 Other information

Contact: Regulatory Affairs
Date of preparation / last revision 01/05/2017 / -

Safety Data Sheet

Printing date 01/05/2017

Revised On 01/05/2017

1 Identification of the substance and manufacturer

Trade name: BLUE FLUORESCENT

Product code: 0000200669

Product category: PC9a Paints and coatings.

Manufacturer/Supplier: Seymour of Sycamore
917 Crosby Avenue
Sycamore, IL 60178
phone: 815-895-9101
www.seymourpaint.com

Emergency telephone number: CHEMTEL 1-800-255-3924, or 813-248-0585.

2 Hazard(s) identification**Classification of the substance or mixture**

Flam. Aerosol 1 H222 Extremely flammable aerosol.

Press. Gas H280 Contains gas under pressure; may explode if heated.

STOT SE 3 H335 May cause respiratory irritation.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard pictograms

GHS02 GHS04 GHS07 GHS08

Signal word**Hazard statements****Precautionary statements**

Danger

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

May cause respiratory irritation.

May cause damage to organs through prolonged or repeated exposure.

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Use only outdoors or in a well-ventilated area.

Do not breathe dust/fume/gas/mist/vapors/spray.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor if you feel unwell.

Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Protect from sunlight. Store in a well-ventilated place.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients**Chemical characterization: Mixtures****Chemical Description:**

This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

64742-89-8	VM&P Naphtha	17.02%
74-98-6	propane	17.01%
1317-65-3	Calcium Carbonate	15.12%
106-97-8	n-butane	9.99%
64742-47-8	Mineral Spirits	4.57%

4 First-aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: Rinse out mouth and then drink plenty of water.
Rinse mouth with water. Do not induce vomiting.

Most important symptoms and effects: Dizziness

Indication of any immediate medical attention needed: No further relevant information available.

5 Fire-fighting measures

Extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards: Can form explosive gas-air mixtures.

Protective equipment for firefighters: A respiratory protective device may be necessary.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.

(Contd. on page 2)

Safety Data Sheet

Printing date 01/05/2017

Revised On 01/05/2017

Trade name: BLUE FLUORESCENT

(Contd. of page 1)

Methods and material for containment and cleaning up: Ensure adequate ventilation.

7 Handling and storage

Precautions for safe handling Use only in well ventilated areas.
Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8 Exposure controls/personal protection**Components with limit values that require monitoring at the workplace:****74-98-6 propane**

PEL (United States GHS) Long-term value: 1800 mg/m³, 1000 ppm
 REL (United States GHS) Long-term value: 1800 mg/m³, 1000 ppm
 TLV (United States GHS) refer to Appendix F in TLVs&BEIs book; NIC-EX

106-97-8 n-butane

REL (United States GHS) Long-term value: 1900 mg/m³, 800 ppm
 TLV (United States GHS) Short-term value: (2370) mg/m³, (1000) ppm
 NIC-EX

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use.
 Wash hands after use.
 Do not eat or drink while working.
Breathing equipment: A respirator is generally not necessary when using this product outdoors or in large open areas.
 In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.
Hand protection: Nitrile gloves.
 Protective gloves. The glove material must be impermeable and resistant to the substance.
Eye protection: Tightly sealed goggles

9 Physical and chemical properties

Appearance: Aerosol.
Odor: Aromatic
Odor threshold: Not determined.
pH-value: Not determined.
Melting point/Melting range Undetermined.
Boiling point: -44 °C (-47 °F)
Flash point: -19 °C (-2 °F)
Flammability (solid, gas): Extremely flammable.
Decomposition temperature: Not determined.
Auto igniting: Product is not self-igniting.
Danger of explosion: In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit: 1.7 Vol %
Upper Explosion Limit: 10.9 Vol %
Vapor pressure: Not determined.
Relative Density: Between 0.77 and 0.85 (Water equals 1.00)
Vapor density Not determined.
Evaporation rate Not applicable.
Partition coefficient: n-octanol/water: Not determined.
Solubility: Not determined.
Viscosity: Not determined.
VOC content (less exempt solvents): 49.5 %
Water: 24.6 %
MIR Value: 0.56
Solids content: 24.8 %

10 Stability and reactivity

Reactivity: Stable at normal temperatures.
Conditions to avoid: Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
Chemical stability: Not fully evaluated.
Possibility of hazardous reactions: No dangerous reactions known.
Incompatible materials: No further relevant information available.
Hazardous decomposition: No dangerous decomposition products known.

11 Toxicological information**LD/LC50 values that are relevant for classification:****106-97-8 n-butane**

Inhalative LC50/4 h 658 mg/l (rat)

Information on toxicological effects: No data available.
Skin effects: No irritant effect.

(Contd. on page 3)

Safety Data Sheet

Printing date 01/05/2017

Revised On 01/05/2017

Trade name: BLUE FLUORESCENT

(Contd. of page 2)

Eye effects: No irritating effect.
Sensitization: No sensitizing effects known.

Carcinogenic categories**IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

Aquatic toxicity: Hazardous for water, do not empty into drains.
Persistence and degradability: The product is degradable after prolonged exposure to natural weathering processes.
Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.
Other adverse effects: No further relevant information available.

13 Disposal considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.
Recommendation: Completely empty cans should be recycled.

14 Transport information

UN-Number UN1950
DOT N/A
DOT UN1950
ADR Consumer Commodity ORM-D
Transport hazard class(es): Aerosols, flammable
Class 1950 Aerosols
Marine pollutant: 2.1
Special precautions for user: No
EMS Number: Warning: Gases
Packaging Group: F-D,S-U
UN "Model Regulation": --
 UN1950, Aerosols, 2.1

15 Regulatory information**SARA Section 355 (extremely hazardous substances):**

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

TSCA: All ingredients are listed.
CPSC: This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

100-41-4 | ethyl benzene

CANADIAN ENVIRONMENTAL PROTECTION ACT:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

WHMIS Symbols for Canada:**EPA:**

None of the ingredients is listed.

16 Other information

Contact: Regulatory Affairs
Date of preparation / last revision 01/05/2017 / -