



SAFETY DATA SHEET

GHS COMPLIANT

Internal Frame Coat

Revision 1 / January 17, 2013

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SECTION 1 - IDENTIFICATION

Product Identifier

Product Number(s) E6986CT
 Product Name Internal Frame Coat Green -

Other Means of Identification 14144ZP - Quart None

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified Uses Rust Preventative

Restrictions On Use None identified

24 hr Emergency
Phone Number

800-255-3924

(Chem-Tel – Contract #MIS001566)

Supplier Details

Supplier Name The Eastwood Company
 Address 263 Shoemaker Road
 Pottstown PA 19464
 Phone Number 610-323-2200
 Fax Number 610-323-6268

SECTION 2 - HAZARDS IDENTIFICATION

GHS/CLP (1272/2008) Classification of the Substance or Mixture

HEALTH HAZARDS				PHYSICAL HAZARDS			
Acute Tox. Oral		Mutagenicity		Unstable Explosive		Refrigerated Liq. Gas	
Acute Tox. Skin	4	Carcinogenicity		Explosive		Flammable Liquid	1
Acute Tox. Inhalation	4	Tox. to Reproduction	2	Flammable Gas		Flammable Solid	
Skin Irritation	2	STOT SE	3	Aerosol		Self-Reactive Sub.	
Eye Irritation	2A	STOT RE	2	Oxidizing Gas		Pyrophoric Liquid	
Resp. Sensitization		Aspiration Hazard	1	Gas Under Pressure		Self-Heating Substance	
Skin Sensitization				ENVIRONMENTAL HAZARDS			
				Aquatic Acute	1	Aquatic Chronic	1
						Ozone Depleting	

GHS/CLP (1272/2008) Label Elements

Hazard Pictograms



Signal Word

Danger!

Hazard Statements

Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Harmful in contact with skin or if inhaled.

Precautionary Statements

General

Keep out of reach of children.

NFPA / HMIS Classification





DO THE JOB RIGHT.

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Prevention

Obtain special instructions before use. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. In case of fire use water, CO₂, dry chemical or universal aqueous film forming foam for extinction. Collect spillage.

Storage

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

Disposal

Dispose of contents/container in accordance with local regulations.

Other Hazards Which Do Not Result In Classification**Hazards**

None known

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

ID	INGREDIENT	CAS NUMBER	EC NUMBER	INDEX NUMBER	% WT RANGE
1	Acetone	0000067-64-1	200-662-2	606-001-00-8	7 - 13
2	Methyl N-Propyl Ketone	0000107-87-9	203-528-1	—	7 - 13
3	Zinc Phosphate	0007779-90-0	231-944-3	030-011-00-6	7 - 13
4	V M & P Naphtha	0064742-89-8	265-192-2	649-267-00-0	7 - 13
5	Toluene	0000108-88-3	203-625-9	601-021-00-3	3 - 7
6	Xylene	0001330-20-7	215-535-7	601-022-00-9	3 - 7
7	Stoddard Solvent	0008052-41-3	232-489-3	649-345-00-4	3 - 7

SECTION 4 - FIRST-AID MEASURES**Description of First-Aid Measures****Eye Contact**

Immediately flush with clear water for at least 15 minutes, including under the eyelids. Consult a doctor.

Skin Contact

Remove with soap and water, rinsing and repeating for 15 minutes. Use skin cream to counter any resulting dryness. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.

Ingestion

Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious, or convulsing.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.

First-Aid Responder Protection

Wear adequate personal protective equipment based on the nature and severity of the emergency.

Most Important Symptoms and Effects, Both Acute and Delayed**Eye Contact**

Liquid contact may cause pain along with moderate eye irritation.

Skin Contact

Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin.

Ingestion

May cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis, bronchopneumonia, or pulmonary edema.

Inhalation

Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing, and dyspnea are also possible.



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Indication of Immediate Medical Attention and Special Treatment

Notes to Physician	Stoddard Solvent sensitizes the heart to the effects of sympathomimetic amines. Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias in individuals exposed. Use of sympathomimetic drugs should be avoided. If ingested, the material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left later lateral decubitus position.
Specific Treatments/Antidotes	Details on specific treatments and/or antidotes are not available.
Immediate Medical Attention	No information available.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Extinguishing Media	Water, CO ₂ , dry chemical, or universal aqueous film forming foam
Unsuitable Media	Water jet

Specific Hazards Arising from the Chemical or Mixture

Decomposition Products	Decomposition products may include oxides of carbon (CO, CO ₂), smoke, and/or vapors.
Hazards from the Product	Contents extremely flammable. In a fire or if heated, a pressure increase will occur which may result in container bursting. Vapors heavier than air may spread along the ground and travel to ignition an source.
Mechanical Impact Sensitivity	Probably not sensitive as material is stable.
Static Discharge Sensitivity	Vapor within the flammable limits may be ignited by a static discharge of sufficient energy.

Special Protection Actions for Fire-Fighters

Protective Actions	Use water spray to cool fire exposed aerosol containers, as contents can rupture violently from heat developed pressure.
Protective Equipment	Firemen should wear self-contained breathing apparatus with full face-piece operated in positive pressure mode.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel	No action should be taken involving any personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so.
For Emergency Responders	Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel above.

Environmental Precautions

Precautions	Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
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Methods and Materials for Containment and Cleaning up

Containment Procedures	Released content may be contained with oil/solvent absorbent pads, booms, and/or absorbents.
Cleanup Procedures	Avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.
Other Information	The North American Emergency Response Guidebook, the Australian Dangerous Goods-Initial Emergency Response Guide (SAA/SNZ HB 76), or similar resources providing emergency response information for dealing with accidents, spills, leaks, and/or fires involving dangerous goods.
Prohibited Materials	Combustible absorbent material such as sawdust, use of equipment that may cause sparking.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling

General Handling Precautions	KEEP OUT OF THE REACH OF CHILDREN. When using in spray application, conformance to NFPA 33 Spray Applications using Flammable and Combustible Materials is recommended.
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Hygiene Recommendations

Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.

Conditions for Safe Storage Including And Incompatibilities
Storage Requirements

In the United States, storage of flammable materials should conform to NFPA 30 Flammable and Combustible Liquid. Outside the United States conformance to local and/or federal codes should be observed. Keep containers tightly closed and stored in a well-ventilated place. Keep away from sources of ignition.

Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Incompatibilities

Segregate storage away from materials indicated in Section 10.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters
Occupational Exposure Limits

ID	CANADA					UNITED STATES							
	AUSTRALIA TWA	ALBERTA OEL	BC TWA	ONTARIO TWA/EL	QUEBEC TWA	GERMANY MAK	JAPAN OEL	MEXICO MPEL-PTA	UK WEL	OSHA PEL	NIOSH REL	NIOSH IDLH	ACGIH TLV
1	500 ppm	750 ppm	250 ppm	500 ppm	500 ppm	1200 mg/m ³	200 ppm	1000 ppm	500 ppm	1000 ppm	250 ppm	2500 ppm	500 ppm
2	200 ppm	200 ppm	200 ppm	200 ppm	200 ppm	—	—	200 ppm	200 ppm	200 ppm	150 ppm	1500 ppm	200 ppm
5	50 ppm	100 ppm	20 ppm	50 ppm	50 ppm	50 ppm	50 ppm	50 ppm	50 ppm	200 ppm	100 ppm	500 ppm	50 ppm
6	80 ppm	100 ppm	100 ppm	100 ppm	100 ppm	440 mg/m ³	50 ppm	100 ppm	50 ppm	100 ppm	100 ppm	900 ppm	100 ppm
7	790 mg/m ³	100 ppm	290 mg/m ³	525 mg/m ³	100 ppm	—	—	100 ppm	—	500 ppm	350 mg/m ³	20000 mg/m ³	100 ppm

Biological Exposure Indices

ID	DETERMINANT	SAMPLING TIME	BEI	NOTATION
1	Acetone in urine	End of shift	50 mg/L	Ns
5	o-Cresol in urine	End of shift	0.5 mg/L	B
6	Methylhippuric acids in urine	End of shift	1.5 g/g creatinine	—

Other Control Parameters

Not available.

Appropriate Engineering Control
Engineering Measures

Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.

Individual Protection Measures
Hygiene Considerations

Avoid breathing vapors and contact with the skin and eyes. Always replace overcap when not in use. Keep out the reach of children. Wash hands after use.

Thermal Hazards

This product does not present a thermal hazard.

Respiratory Protection

An approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits. If respirators are needed, in the United States compliance with OSHA standard 29 CFR 1910.134 is necessary.

Skin Protection

For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

Eye/Face Protection

Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.

Other Protective Equipment

Safety showers and eye-wash stations should be available in the workplace near where the material will be used.



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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	> 55.0°C (131.0 °F)	Melting / Freezing Point	Not Determined
Flash Point, Liquid	> -20.0 °C (-4.0 °F)		
Explosive Limits	0.70% to 7.00%	Autoignition Temperature, Liquid	Not Determined
Flammability	Category 2 Liquid	Relative Density (H2O = 1)	1.344 g/cc
Molecular Weight	Not Available	Weight	11.214 lbs/gal
Vapor Pressure	Not Determined	pH	Not Available
Vapor Density	Not Available	Evaporation Rate	Not Available
Form	Liquid	Partition Coefficient	Not Available
Viscosity	Not Available	Refractive Index	Not Available
Odor Threshold	Not Available	Heat of Combustion	Not Available
Odor	Paint-like	Water Solubility	Not Available
Appearance / Color	Green coating	Decomposition Temperature	Not Available
Percent Volatile	45% Wt (76% Vol) Max	VOC Content	3.925 lbs/gal (470.295 g/L)
Percent VOC	35% Wt (59% Vol) Max	HAP Content	1.122 lbs/gal (134.37 g/L)
Solids/Non Volatile Content	35% Wt (25% Vol) Max	Maximum Incremental Reactivity	1.169 g O3/g

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity is available for this product or its ingredients.
Chemical Stability	This product is stable.
Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions are not expected to occur.
Conditions to Avoid	Keep away from heat, sparks, flame, and red hot metal.
Material Incompatibility	Acids, Activated Carbon, Alkalis, Bromine Trifluoride, Dichlorohydrantion, Hexachloromelamine, Hydrogen Peroxide, Isoprene, Nitric Acid, Nitrogen Tetroxide, Perchloric And Permonosulfuric Acids, Silver Perchlorate, Strong Oxidizing Agents, Strong Reducing Agents, Sulfur Dichloride, Tetranitromethane, Trichloromelamine, Uranium Hexafluoride
Decomposition Products	Oxides of Carbon, Acetic Acid, Formaldehyde fumes, Hydrogen Peroxide, Methanol may be formed depending on fire conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity

ID	ORAL LD50		DERMAL LD50		INHALATION LC50		
	VALUE	SPECIES	VALUE	SPECIES	VALUE	TIME	SPECIES
1	5800 mg/kg	rat	20000 mg/kg	rabbit	76 mg/m3	4h	rat
2	1600 mg/kg	rat	6500 mg/kg	rabbit	—	—	—
4	5000 mg/kg	rat	3000 mg/kg	rabbit	—	—	—
5	636 mg/kg	rat	>12000 mg/kg	rabbit	49 mg/m3	4h	rat
6	4300 mg/kg	rat	4500 mg/kg	rabbit	6700 mg/L	4h	rat
7	>5000 mg/kg	rat	>3000 mg/kg	rabbit	>5500 mg/m3	4h	rat

Skin Corrosion/Irritation	Toluene, Xylene causes skin irritation.
Eye Damage/Irritation	Acetone causes serious eye irritation.
Respiratory Irritation	None of the ingredients are known to cause respiratory irritation.
Respiratory or Skin Sensitization	None of the ingredients are known to cause sensitization.
Germ Cell Mutagenicity	None of the ingredients are known or suspected of causing genetic defects.
Carcinogen Data	None of the ingredients are known or suspected carcinogens.
Reproductive Toxicity	Toluene is/are known by the State of California to cause birth defects or other reproduct harm. Toluene is/are suspected of damaging fertility or the unborn child.
STOT-Single Exposure	Acetone, Toluene may cause drowsiness or dizziness.



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STOT-Repeated Exposure

Toluene may cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard

V M & P Naphtha, Toluene, Stoddard Solvent may be fatal if swallowed and enters airways.

Information on the Likely Routes of Exposure
Routes of Exposure

Skin contact, skin absorption, eye contact, inhalation, ingestion.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics
Symptoms of Exposure

Abdominal Cramps, Central Nervous System Depression, Chemical Pneumonitis, Coma, Dermatitis, Dizziness, Drowsiness, Excitation, Skin Irritation, Staggering Gait, Throat Irritation, Upper Respiratory System Irritation, Vomiting

Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure
Delayed Effects

No known delayed effects.

Immediate Effects

No known immediate effects.

Chronic Effects

Reports of chronic poisoning from Toluene describe anemia, decreased blood cell count and bone marrow hypoplasia. Liver and kidney damage may occur. Exposure may affect a developing fetus.

Stoddard Solvent when ingestion and subsequent aspiration into the lungs may cause pneumatocele (lung cavity) formation and chronic lung dysfunction.

Medical Conditions Aggravated

May aggravate personnel with pre-existing disorders associated with any of the Target Organs.

Target Organs

Bladder, Blood, Central Nervous System, Eyes, Gastrointestinal Tract, Kidneys, Liver, Respiratory System, Skin

Interactive Effects
Synergistic Effects

Xylene exposure to related solvents, such as benzene, toluene and ethanol slows the rate of clearance of from the body, thus enhancing its toxic effects.

Toluene exposure to related solvents, such as benzene, xylene and ethanol slows the rate of clearance of from the body, thus enhancing its toxic effects.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity

ID	TYPE	FISH VALUE	PERIOD	TYPE	INVERTEBRATES VALUE	PERIOD	TYPE	AQUATIC PLANTS VALUE	PERIOD	TYPE	MICROORGANISMS VALUE	PERIOD
1	LC50	5549 mg/L	96h	EC50	6100 mg/L	48h	IC5	530 mg/L	8d	EC5	1700 mg/L	16h
2	LC50	1530 mg/L	96h	EC50	>810 mg/K	96h	—	—	—	—	—	—
5	LC50	13 mg/L	96h	EC50	11.5 mg/L	48h	EC50	>250 mg/L	24h	EC0	29 mg/L	16h
6	LC50	26.7 mg/L	96h	LC50	14 mg/L	24h	—	—	—	—	—	—

Ecological Data

ID	PERSISTENCE AND DEGRADABILITY				BIOACCUMULATIVE POTENTIAL		MOBILITY
	PERSISTENCE	BOD	COD	ThOD	Pow / Kow	BCF	Koc
1	—	1.85 mg/g/5d	1.92 mg/l	2.21 mg/l	-0.24 log Pow	0.69 BCF	1.26 log Koc
2	—	1180 mg/g	2310 mg/g	2600 mg/g	0.91 log Pow	0.46 log BCF	0.85 log Koc
5	—	2.15 mg/g	2.52 mg/g	3.13 mg/g	2.65 Pow	1.57 log BCF	2.15 log Koc
6	—	0.64 mg/L	—	2410 mg/g	3.271 log Pow	2.2557 log BCF	3.156 log Koc
7	—	—	—	—	3.16 log Kow	—	—

Other Adverse Effects

No additional information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal

Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.



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Waste Disposal of Packaging

Consult with your local landfill to determine if empty small containers can be disposed of along with regular trash pickup. For disposal of large containers (typically 10 gallon or larger), or for containers not suitable for landfill, a licensed reconditioner should be used.






Landfill Precautions

Not Available

Incineration Precautions

Not Available

SECTION 14 - TRANSPORTATION INFORMATION

	UNITED STATES DOT	INTERNATIONAL AIR ICAO/IATA	INTERNATIONAL OCEAN IMDG	UNITED NATIONS ADR	CANADA TDG
ID Number	UN1263	UN1263	UN1263	UN1263	UN1263
Proper Shipping Name	Paint, Limited Quantity	Paint, Limited Quantity	Paint, Limited Quantity	Paint, Limited Quantity	Paint, Limited Quantity
Hazard Class(es)	3	3	3	3	3
Packing Group	II	II	II	II	II
Environmental Hazards	No	No	No	No	No
Special Precautions	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hazard Labels					

Additional Shipping Details

Not available.

SECTION 15 - REGULATORY INFORMATION

United States - Federal Regulations

	TSCA	SARA 302				SARA 311/312					CLEAN AIR ACT		CLEAN
ID	LISTED	EHS TPQ	RCRA	CERCLA	SARA 313	FIRE	REACTIVITY	ACUTE	CHRONIC	PRESSURE	HAP	SOCMI	WATER ACT
1	Yes	—	U002	5000	—	Yes	—	Yes	—	—	—	—	—
2	Yes	—	—	—	—	—	—	—	—	—	—	—	—
3	Yes	—	—	—	—	—	—	—	—	—	—	—	—
4	Yes	—	—	—	—	—	—	Yes	—	—	—	—	—
5	Yes	—	U220	1000	5%	Yes	—	Yes	Yes	—	Yes	Yes	1000 (PP)
6	Yes	—	U239	100	5%	Yes	—	Yes	—	—	Yes	Yes	100—
7	Yes	—	—	—	—	—	—	Yes	—	—	—	—	—

United States - State Regulations

	CA	DE	MA	ME		MN			NJ	NY			PA	WA	WI	WV
ID	P-65	RQ	RTK CODES	TYPE	RQ	RTK	AIR	WATER	RTK	AIR	LAND	ACUTE	LISTED	PEL TWA	TABLE	TAP
1	—	5000	2,4,5,6 F8 F9	—	20000	AON	—	—	—	5000	1	—	Yes-E	750 ppm	—	—
2	—	—	2,4,6	—	—	ANO	—	—	—	—	—	—	Yes	200 ppm	—	—
5	DF	1000	2,4,5,6 F7 F8 F9	—	2000	ANO	Yes	Yes	Yes	1000	1	—	Yes-E	100 ppm	A	—
6	—	100	2,4 F8 F9	—	2000	ANO	Yes	—	Yes	1000	1	—	Yes-E	100 ppm	A	—
7	—	—	2,4	—	—	ANO	—	—	—	—	—	—	Yes	100 ppm	A	—

Canadian Regulations

ID	WHMIS CATEGORIES										CHEMICAL LISTS		
	A	B	C	D1A	D1B	D2A	D2B	D3	E	F	DSL	NDSL	NPRI
1	—	B2	—	—	—	—	X	—	—	—	Yes	—	—
2	—	B2	—	—	—	—	X	—	—	—	Yes	—	—
3	—	—	—	—	—	—	—	—	—	—	Yes	—	—
4	—	B2	—	—	—	—	—	—	—	—	Yes	—	5



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ID	WHMIS CATEGORIES										CHEMICAL LISTS		
	A	B	C	D1A	D1B	D2A	D2B	D3	E	F	DSL	NDSL	NPRI
5	—	B2	—	—	—	X	X	—	—	—	Yes	—	1A, 5
6	—	B2	—	—	—	X	X	—	—	—	Yes	—	1A, 5
7	—	B3	—	—	—	—	X	—	—	—	Yes	—	5

CPR Notice

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

WHMIS Classification

B2, D2A, D2B

WHMIS Symbols**European Union Regulations**

ID	1907/2006 SVHC	1999/45/EC or 67/548/EEC CLASSIFICATION	HAZARD CODES	1272/2008 CLP PICTOGRAM CODES	SUPPL. CODES
1	—	F; Xi	H225, H319, G336	GHS02, GHS07, Dgr	EUH066
3	—	N	H400, H410	GHS09, Wng	—
4	—	—	H304	GHS08, Dgr	—
5	—	F; Xn; Repr. Cat. 3	H225, H361d***, H304, H373, H315, H336	GHS02, GHS08, GHS07, Dgr	—
6	—	Xn	H226, H332, H312, H315	GHS02, GHS07, Wng	—
7	—	—	H304	—	—

Classification According to EU Directive 1999/45/EC or 67/548/EEC (see Section 16 for full text)**Pictograms****Risk Phrases**

11-20/21-36/38-48/20-50/53-63-65-66-67

Safety Phrases

2-16-26-46-60-61-62

International Regulations**Chemical Weapons Convention**

None of the ingredients are listed on the convention's schedules.

SECTION 16 - OTHER INFORMATION**Full Text of EU Phrases and Precautionary Statements**

CODE	HAZARD STATEMENTS
H225	Highly flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H312+H332	Harmful in contact with skin or if inhaled.

CODE	SUPPLEMENTAL HAZARDS
EUH066	Repeated exposure may cause skin dryness or cracking.

CODE	PRECAUTIONARY STATEMENTS
P102	Keep out of reach of children.
P201	Obtain special instructions before use.
P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharges.



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P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

CODE	RISK PHRASES
R 11	Highly flammable.
R 20/21	Harmful by inhalation and in contact with skin.
R 36/38	Irritating to eyes and skin.
R 48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 63	Possible risk of harm to the unborn child.
R 65	Harmful: may cause lung damage if swallowed.
R 66	Repeated exposure may cause skin dryness or cracking.
R 67	Vapours may cause drowsiness or dizziness.

CODE	SAFETY PHRASES
S 2	Keep out of reach of children.
S 16	Keep away from sources of ignition – No smoking.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 46	If swallowed, seek medical advice immediately & show container/label.
S 60	This material and its container must be disposed of as hazardous waste.
S 61	Avoid release to the environment. Refer to special instructions/Safety data sheets.
S 62	If swallowed do not induce vomiting: seek medical advice immediately and show this container or label.

SDS Revision History

Revision 1, 01/17/2014, Original in GHS Version 4 format.

Disclaimer of Liability

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References and Sources

CAMEO Database of Hazardous Materials (<http://cameochemicals.noaa.gov>)
 Chempendium Database (<http://ccinfoweb.ccohs.ca/chempendium/search.html>)
 ChemSpider Chemical Database (<http://chemspider.com>)
 European Chemical Substances Information System (<http://esis.jrc.ec.europa.eu>)
 European Chemicals Agency (<http://echa.europa.eu>)
 International Chemical Safety Cards (<http://www.cdc.gov/niosh/ipcs/ipccard.html>)
 IUCLID Chemical Data Sheets Information System (<http://esis.jrc.ec.europa.eu/index.php?PGM=dat>)
 Merck Chemical Database (<http://www.merckmillipore.co.uk/chemicals>)
 NIOSH Pocket Guide to Chemical Hazards (<http://www.cdc.gov/niosh/hpg/>)
 Right to Know Hazardous Substance Fact Sheets (<http://web.doh.state.nj.us/rthksfs/indexfs.aspx>)
 RTECS Database (<http://ccinfoweb.ccohs.ca/rtecs/search.html>)
 SOLV-DB, Solvent Database (<http://solvdb.ncms.org/solvdb.htm>)
 Toxic Substances Portal (<http://www.atsdr.cdc.gov/toxprofiles/index.asp>)
 TOXNet (<http://toxnet.nlm.nih.gov>)

Abbreviations Used

ACGIH	American Conference of Industrial Hygienists	GHS	Globally Harmonized System
ADR	European Agreement ... International Carriage of Dangerous Goods by Road	HAP	Hazardous Air Pollutant
BCF	Bioconcentration Factor	IARC	International Agency for Research on Cancer
BEI	Biological Exposure Index	IATA	International Air Transportation Association
BOD	Biochemical Oxygen Demand	IC50	Half Maximal Inhibitory Concentration
CA	California	ICAO	International Civil Aviation Organization
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act (USA)	IDLH	Immediately Dangerous to Life and Health
CFR	Code of Federal Regulations (USA)	IMDG	International Maritime Dangerous Goods
CLP	Classification, Labelling and Packaging of Substances (Europe)	Kow	Octanol-Water Partition Coefficient
COD	Chemical Oxygen Demand	lbs/gal	Pounds per Gallon
CPR	Controlled Products Regulations (Canada)	LC50	Lethal Concentration 50%
DE	Delaware	LD50	Lethal Dosage 50%
DOT	Department of Transportation (USA)	MA	Massachusetts
DSL	Domestic Substance List (Canada)	MAK	Maximale Arbeitsplatz Konzentration (Maximum Workplace Concentration)
EC	European Community	Max	Maximum
EC50	Effective Concentration 50%	mg/L	Milligrams per Litre
EHA	Extremely Hazardous Substance	mg/m3	Milligrams per Cubic Meter
EPA	Environmental Protection Agency (USA)	MN	Minnesota
g/cc	Grams per Cubic Centimeter	MPEL-PTA	Maximum Permissible Exposure Limit on Pondered Time Average
		NDSL	Non-Domestic Substance List (Canada)



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SAFETY DATA SHEET

Internal Frame Coat

GHS COMPLIANT

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NIOSH	National Institute for Occupational Safety and Health (USA)
NJ	New Jersey
NOEC	No Observed Effect Concentration
NPRI	National Pollutant Release Inventory (Canada)
NTP	National Toxicity Program (USA)
NY	New York
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration (USA)
P-65	Proposition 65 (USA)
PA	Pennsylvania
Pow	Octanol-Water Partition Coefficient
ppm	Parts per Million
psig	Pounds per Square Inch Gage
RCRA	Resource Conservation and Recovery Act (USA)
REL	Recommended Exposure Limit
RQ	Reportable Quantity
RTK	Right to Know
SARA	Superfund Amendments and Reauthorization Act (USA)
SDS	Safety Data Sheet
SOCMI	Synthetic Organic Chemical Manufacturing Industry (USA)
STOT-RE	Suspected Target Organ Toxin, Repeat Exposure
STOT-SE	Suspected Target Organ Toxin, Single Exposure
SVHC	Substance of Very High Concern
TAP	Toxic Air Pollutant
TDG	Transportation of Dangerous Goods (Canada)
ThOD	Theoretical Oxygen Demand
TLV	Threshold Limit Value
TPQ	Threshold Planning Quantity
TSCA	Toxic Substances Control Act (USA)
TWA	Time Weighted Average
TWAEV	Time Weighted Average Exposure Value
VOC	Volatile Organic Compound
WA	Washington
WEL	Workplace Exposure Limit
WHMIS	Workplace Hazardous Materials Information System (Canada)
WI	Wisconsin
WV	West Virginia