

SECTION 1 - IDENTIFICATION

Product Identifier
Product Number(s)
Product Name

Silver Metallic Interior and Trim Paint - 13701Z

Other Means of Identification

None

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

Coating used for dashes, interior and exterior trim on vehicles.

Restrictions On Use

None identified

24 hr Emergency
Phone Number

800-255-3924

(Chem-Tel)

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

GHS/CLP (1272/2008) Label Elements
Hazard Pictograms

Signal Word

Danger!

Hazard Statements

Extremely flammable aerosol. Pressurized container: may burst if heated. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Harmful in contact with skin or if inhaled.

Precautionary Statements

General

Keep out of reach of children.

NFPA / HMIS Classification


SAFETY DATA SHEET

GHS COMPLIANT

Silver Metallic Interior & Trim Paint

Part No. 13701Z Aerosol

Revision 1 / June 27, 2014

Page 2 of 10

Prevention

Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Pressurized container: Do not pierce or burn, even after use. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response

IF ONSKIN: Wash with plenty of soap and water. 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. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

Storage

Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

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	30 - 60
2	Propane	0000074-98-6	200-827-9	601-003-00-5	15 - 40
3	Ethyl Acetate	0000141-78-6	205-500-4	607-022-00-5	10 - 30
4	N-Butyl Acetate	0000123-86-4	204-658-1	607-025-00-1	3 - 7
5	Xylene	0001330-20-7	215-535-7	601-022-00-9	1 - 5
6	Aluminum	0007429-90-5	231-072-3	013-001-00-6	1 - 5
7	Propylene Glycol Mono Methyl Ether Acetate	0000108-65-6	203-603-9	607-195-00-7	1 - 5
8	Ethyl Benzene	0000100-41-4	202-849-4	601-023-00-4	0.5 - 1.5

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

Due to being an aerosol, the product does not lend itself to ingestion. Should ingestion occur, it 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.

Indication of Immediate Medical Attention and Special Treatment

Notes to Physician

Treat symptomatically.

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, CO₂, 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, CO₂), smoke, and/or vapors.

Hazards from the Product

Contents extremely flammable and under pressure. 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

Mechanical impact may cause aerosol can to rupture, resulting in a rapid release of its contents. In the presence of an ignition source the liquid and/or vapor content may be ignited.

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.

Methods and Materials for Containment and Cleaning up

Containment Procedures

Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content may be contained with oil/solvent absorbent pads, socks, and/or absorbents. DO NOT use combustible material such as sawdust.

Cleanup Procedures

Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, 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

Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal.

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. Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not

incinerate (burn) containers. Always replace overcap when not in use. Avoid use around open flames or other sources of ignition. Exposure to heat or prolonged exposure to sun may cause can to burst. Use only with adequate ventilation, opening doors or windows to achieve cross-ventilation. Wash hands after use.

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.

SAFETY DATA SHEET

GHS COMPLIANT

Silver Metallic Interior & Trim Paint

Part No. 137012 Aerosol

Revision 1 / June 27, 2014

Page 4 of 10

Conditions for Safe Storage Including And Incompatibilities

Storage Requirements

Storage of individual cans should be done in an area below 50 °C (122 °F), and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended. This product is classified as a Level 3 Aerosol.

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	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	—	—	1000 ppm	1000 ppm	1000 ppm	—	—	—	—	1000 ppm	1000 ppm	2100 ppm	1000 ppm
3	200 ppm	400 ppm	150 ppm	400 ppm	400 ppm	400 ppm	200 ppm	400 ppm	200 ppm	400 ppm	400 ppm	2000 ppm	400 ppm
4	150 ppm	150 ppm	20 ppm	150 ppm	150 ppm	480 mg/m ³	100 ppm	150 ppm	150 ppm	150 ppm	150 ppm	1700 ppm	150 ppm
5	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
6	2 mg/m ³	10 mg/m ³	10 mg/m ³	10 mg/m ³	10 mg/m ³	1.5 mg/m ³	2 mg/m ³	10 mg/m ³	10 mg/m ³	15 mg/m ³	2 mg/m ³	—	1 mg/m ³
7	50 ppm	—	50 ppm	50 ppm	—	270 mg/m ³	—	—	50 ppm	—	—	—	—
8	100 ppm	100 ppm	100 ppm	100 ppm	100 ppm	—	50 ppm	100 ppm	100 ppm	100 ppm	100 ppm	800 ppm	20 ppm

Biological Exposure Indices

ID	DETERMINANT	SAMPLING TIME	BEI	NOTATION
1	Acetone in urine	End of shift	50 mg/L	Ns
5	Methylhippuric acids in urine	End of shift	1.5 g/g creatinine	—
8	Sum of mandelic acid and phenyl glyoxylic acid in urine	End of shift at end of workweek	0.7 g/g creatinine	Ns, Sq

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 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.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point > 56.1°C (133.0 °F)
Flash Point, Liquid > -17.0°C (1.4 °F)
Explosive Limits 1.50% - 13.00%

Melting / Freezing Point > -95.3 °C (-139.6 °F)
Flash Point, Propellant -104.4 °C (-156.0 °F)
Autoignition Temperature, Liquid 354.0 °C (669.2 °F)

SAFETY DATA SHEET

GHS COMPLIANT

Silver Metallic Interior & Trim Paint

Part No. 13701Z Aerosol

Revision 1 / June 27, 2014

Page 5 of 10

Flammability	Extremely Flammable Aerosol	Relative Density (H₂O = 1)	0.737 g/cc
Molecular Weight	Not Available	Weight	6.149 lbs/gal
Vapor Pressure	108.00 psig	pH	Not Available
Vapor Density	4.600 g/cc Maximum	Evaporation Rate	Not Available
Form	Pressurized Product	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	Silver color	Decomposition Temperature	Not Available
Percent Volatile	91% Wt (94% Vol) Max	VOC Content	3.421 lbs/gal (409.853 g/L)
Percent VOC	56% Wt (61% Vol) Max	HAP Content	0.217 lbs/gal (25.937 g/L)
Solids/Non Volatile Content	10% Wt (7% Vol) Max	Maximum Incremental Reactivity	0.781 g O ₃ /g

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity is available for this products 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, Alkali Metals, Alkalies, Aluminum, Bases, Copper, Dichlorohydrantion, Halogenated Hydrocarbons, Halogens, Hexachloromelamine, Hydrogen Peroxide, Isoprene, Lithium Aluminum Hydride, Nitrates, Nitric Acid, Potassium Tert-Butoxide, Strong Acids, Strong Oxidizing Agents, Strong Reducing Agents, Sulfur Dichloride, Trichloromelamine
Decomposition Products	Oxides of Carbon, Acetic Acid, Aluminium Oxides, Formaldehyde fumes, Hydrogen Peroxide, Isopropanol, Methanol, n-Butanol 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/m ³	4h	rat
2	—	—	—	—	658 mg/L	4h	rat
3	10200 mg/kg	rat	>18000 mg/kg	rabbit	>32380 ppm	4h	rat
4	13100 mg/kg	rat	>14100 mg/kg	rabbit	>21 mg/L	4h	rat
5	4300 mg/kg	rat	4500 mg/kg	rabbit	6700 mg/L	4h	rat
7	8532 mg/kg	rat	7500 mg/kg	rabbit	>5320 ppm	4h	rat
8	4720 mg/kg	rat	15500 mg/kg	rabbit	4000 ppm	4h	rat

Skin Corrosion/Irritation	Xylene causes skin irritation.
Eye Damage/Irritation	Acetone, Ethyl Acetate 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	Ethyl Benzene is listed as follows: Is known by the State of California to cause cancer. ACGIH as A3 (confirmed animal carcinogen with unknown relevance to humans). IARC as Group 2B (possibly carcinogenic to humans).
Reproductive Toxicity	None of the ingredients are known or suspected of causing reproductive harm.
STOT-Single Exposure	Acetone, Ethyl Acetate, N-Butyl Acetate may cause drowsiness or dizziness.
STOT-Repeated Exposure	None of the ingredients are known to cause specific target organ effects through prolonged or repeated exposure.
Aspiration Hazard	None of the ingredients are known to be an aspiration hazard.

Information on the Likely Routes of Exposure

Routes of Exposure Skin contact, skin absorption, eye contact, inhalation.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Symptoms of Exposure Abdominal Cramps, Asphyxia, Central Nervous System Depression, Coma, Confusion, Cough, Dermatitis, Diarrhoea, Dizziness, Drowsiness, Dry Cracking Skin, 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 have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by concentrating and inhaling this product may be harmful or fatal.

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

Target Organs 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.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity

ID	FISH			INVERTEBRATES			AQUATIC PLANTS			MICROORGANISMS		
	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD
1	LC50	5549 mg/L	96h	EC50	31 mg/L	48h	IC50	530 mg/L	8d	EC50	1700 mg/L	16h
3	LC50	230 mg/L	96h	EC50	717 mg/L	48h	EC50	3300mg/L	48h	EC50	5870 mg/L	15m
4	LC50	62 mg/L	96h	EC50	72.8 mg/L	24h	EC50	675 mg/L	72h	EC50	959 mg/L	18h
5	LC50	26.7 mg/L	96h	LC50	14 mg/L	24h	—	—	—	—	—	—
6	NOEC	>100 mg/L	48h	NOEC	>100 mg/L	48h	NOEC	>100 mg/L	72h	—	—	—
7	LC50	180 mg/L	96h	EC50	408 mg/L	48h	IC50	>1000 mg/L	72h	EC20	>1000 mg/L	30m
8	LC50	97.1 mg/L	96h	LC50	77 mg/L	24h	EC50	63 mg/L	3h	EC50	130 mg/L	48h

Ecological Data

ID	PERSISTENCE AND DEGRADABILITY				BIOACCUMULATIVE POTENTIAL		MOBILITY
	PERSISTENCE	BOD	COD	ThOD	Pow / Kow	BCF	
1	90.9% / 28 days	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	—	—	—	—	2.36 log Pow	1.47 log BCF	2.36 log Koc
4	—	520 mg/g	2320 mg/g	2207 mg/g	1.804log Pow	1.14 log BCF	2.35 log Koc
5	—	0.64 mg/L	—	2410 mg/g	3.271 log Pow	2.2557 log BCF	3.156 log Koc
6	—	—	—	—	0.33 log Kow	—	—
7	—	360 mg/g	1740 mg/g	1820 mg/g	0.56 log Pow	0.01 log BCF	0.36 log Koc
8	—	1780 mg/g	—	3170 mg/g	3.15 log Pow	1.18 log BCF	2.4 log Koc

Other Adverse Effects No additional information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal

Characteristics and waste stream classification can change with product use and location. 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 must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

SAFETY DATA SHEET

GHS COMPLIANT

Silver Metallic Interior & Trim Paint

Part No. 137012 Aerosol

Revision 1 / June 27, 2014

Page 7 of 10

Waste Disposal of Packaging

In the United States, an aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.






Landfill Precautions

Not Available

Incineration Precautions

** DO NOT INCINERATE ** CONTENTS UNDER PRESSURE **

SECTION 14 - TRANSPORTATION INFORMATION

	UNITED STATES DOT	INTERNATIONAL AIR ICAO/IATA	INTERNATIONAL OCEAN IMDG	UNITED NATIONS ADR	CANADA TDG
ID Number	UN1950	UN1950	UN1950	UN1950	UN1950
Proper Shipping Name	Aerosols, Limited Quantity	Aerosols, Flammable, Limited Quantity	Aerosols, Limited Quantity	Aerosols, Limited Quantity	Aerosols, Limited Quantity
Hazard Class(es)	2.1	2.1	2.1	2.1	2.1
Packing Group	—	—	—	—	—
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

ID	TSCA LISTED	SARA 302 EHS TPQ	RCRA	CERCLA	SARA 313	FIRE	REACTIVITY	SARA 311/312 ACUTE	CHRONIC	PRESSURE	CLEAN AIR ACT HAP	SOCMI	CLEAN WATER ACT
1	Yes	—	U002	5000	—	Yes	—	Yes	—	—	—	—	—
2	Yes	—	—	—	—	Yes	—	—	—	—	—	—	—
3	Yes	—	U112	5000	—	Yes	—	Yes	—	—	—	—	—
4	Yes	—	—	5000	—	Yes	—	Yes	—	—	—	—	5000
5	Yes	—	U239	100	3%	Yes	—	Yes	—	—	Yes	Yes	100
6	Yes	—	—	—	3%	—	—	—	—	—	—	—	—
7	Yes	—	—	—	—	Yes	—	—	—	—	—	—	—
8	Yes	—	—	1000	1%	Yes	—	Yes	—	—	Yes	Yes	1000 (PP)

United States - State Regulations

ID	CA P-65	DE RQ	MA RTK CODES	ME TYPE	ME RQ	RTK	MN AIR	MN WATER	NJ RTK	NY AIR	NY LAND	NY ACUTE	PA LISTED	WA PEL TWA	WI TABLE	WV TAP
1	—	5000	2,4,5,6 F8 F9	—	20000	AON	—	—	—	5000	1	—	Yes-E	750 ppm	—	—
2	—	F1000**	2,4,5,6	—	—	AP	—	—	Yes	—	—	—	Yes	1000 ppm	—	—
3	—	5000	2,4,5,6 F8	—	20000	AO	—	—	—	5000	1	—	Yes-E	400 ppm	—	—
4	—	5000	2,4,5,6 F8	—	20000	AO	—	—	—	5000	100	—	Yes-E	150 ppm	—	—
5	—	100	2,4 F8 F9	—	2000	ANO	Yes	—	Yes	1000	1	—	Yes-E	100 ppm	A	—
6	—	100	4,5 F1 F9	—	1000	A	—	Yes	Yes	—	—	—	Yes-E	5 mg/m3	A	—
8	C	1000	2,4,5,6 F7 F8 F9	—	2000	AO	Yes	Yes	Yes	1000	1	—	Yes-E	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	X	B1	—	—	—	—	—	—	—	—	Yes	—	5
3	—	B2	—	—	—	—	—	—	—	—	Yes	—	5
4	—	B2	—	—	—	—	X	—	—	—	Yes	—	5
5	—	B2	—	—	—	X	X	—	—	—	Yes	—	1A, 5
6	—	—	—	—	—	—	—	—	—	—	Yes	—	1A
7	—	B3	—	—	—	—	—	—	—	—	Yes	—	5
8	—	B2	—	—	—	X	X	—	—	—	Yes	—	1A

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

A, B5, 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, H336	GHS02, GHS07, Dgr	EUH066
2	—	F+	H220	GHS02, Dgr	—
3	—	F; Xi	H225, H319, H336	GHS02, GHS07, Dgr	EUH066
4	—	—	H226, H336	GHS02, GHS07, Wng	EUH066
5	—	Xn	H226, H332, H312, H315	GHS02, GHS07, Wng	—
7	—	—	H226	GHS02, Wng	—
8	—	F; Xn	H225, H332	GHS02, GHS07, Dgr	—

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

Pictograms



Risk Phrases

12-20/21-36/38-66-67

Safety Phrases

2-16-24/25-26-29-33

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
H222	Extremely flammable aerosol.
H229	Pressurized container: may burst if heated.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
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.
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P251	Pressurized container: Do not pierce or burn, even after use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P271	use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340	IF INHALED: Remove victim to fresh air and keep at res in a position comfortable for breathing.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

CODE	RISK PHRASES
R 12	Extremely flammable.
R 20/21	Harmful by inhalation and in contact with skin.
R 36/38	May cause cancer.
R 66	Repeated exposure may cause skin dryness or cracking.
R 67	Vapours may cause drowsiness and dizziness.

CODE	SAFETY PHRASES
S 2	Keep out of reach of children.
S 16	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S 24/25	Avoid contact with skin and eyes.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 29	Do not empty into drains.
S 33	Take precautionary measures against static discharges.

SDS Revision History

Revision 1, 06/27/2014 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>)
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International Chemical Safety Cards (<http://www.cdc.gov/niosh/ipcs/ipcscard.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/rtkhsfs/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	EPA	Environmental Protection Agency (USA)
ADR	European Agreement ... International Carriage of Dangerous Goods by Road	g/cc	Grams per Cubic Centimeter
BCF	Bioconcentration Factor	GHS	Globally Harmonized System
BEI	Biological Exposure Index	HAP	Hazardous Air Pollutant
BOD	Biochemical Oxygen Demand	IARC	International Agency for Research on Cancer
CA	California	IATA	International Air Transportation Association
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act (USA)	IC50	Half Maximal Inhibitory Concentration
CFR	Code of Federal Regulations (USA)	ICAO	International Civil Aviation Organization
CLP	Classification, Labeling and Packaging of Substances (Europe)	IDLH	Immediately Dangerous to Life and Health
COD	Chemical Oxygen Demand	IMDG	International Maritime Dangerous Goods
CPR	Controlled Products Regulations (Canada)	Kow	Octanol-Water Partition Coefficient
DE	Delaware	lbs/gal	Pounds per Gallon
DOT	Department of Transportation (USA)	LC50	Lethal Concentration 50%
DSL	Domestic Substance List (Canada)	LD50	Lethal Dosage 50%
EC	European Community	MA	Massachusetts
EC50	Effective Concentration 50%	MAK	Maximale Arbeitsplatz Konzentration (Maximum Workplace Concentration)
EHA	Extremely Hazardous Substance	Max	Maximum
		mg/L	Milligrams per Litre

mg/m ³	Milligrams per Cubic Meter
MN	Minnesota
MPEL-PTA	Maximum Permissible Exposure Limit on Pondered Time Average
NDSL	Non-Domestic Substance List (Canada)
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