

WHMIS	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS
		NOT REGULATED

SECTION I: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Use: Universal sealer.

Formula number: Not applicable

Distributor: Soprema Canada
1675 Haggerty Street
Drummondville (Quebec) J2C 5P7
CANADA
Tel.: 819 478-8163

In case of emergency:

SOPREMA (8:00am to 5:00pm): 1 800 567-1492 CANUTEC (Canada) (24h.): 613 996-6666 CHEMTREC (É.-U.) (24h.): 1 800 424-9300

EMERGENCY OVERVIEW!!!

Black viscous liquid with negligible odour. Irritating to eyes, skin and lungs. May cause allergic skin and respiratory reactions. May be harmful if swallowed.

SECTION II: COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS

NAME	CAS #	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV-TWA	TLV-STEL
Polypropylene glycol	25322-69-4	30-60	Not available	Not available
Polyol	Not available	30-60	Not available	Not available
Dimethyl silicone polymer with silica	67762-90-7	1-5	Not available	Not available
Castor oil	8001-79-4	1-5	Not available	Not available
Carbon black	1333-86-4	1-5	Not available	Not available
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine	1760-24-3	0.1-1	3.5 mg/m ³	Not available
Bis (1,2,2,6,6-penamethyl-4-piperidiny) sebacate	41556-26-7	0.1-1	Not available	Not available

SECTION III: POTENTIAL HEALTH EFFECTS

HAZARDOUS HEALTH EFFECTS

INHALATION OF PARTICULATES (SPRAYING) AND FUMES

This product may be harmful by inhalation.

EYES

This product is irritating to the eyes. Symptoms include itching, burning, redness and tearing.

INGESTION

Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

SKIN

This product is irritating to the skin. This product may cause allergic skin reaction.

ACUTE HEALTH EFFECTS

See above at *Inhalation of particles and fumes.*

SECTION IV: FIRST AID MEASURES

INHALATION

Leave area to breathe fresh air. Oxygen therapy may be necessary, seek medical attention if needed. Should be observed by physician immediately if overexposure is severe.

EYES

Flush immediately with running water for at least 15 minutes, while holding eyelids open. Get medical attention immediately.

INGESTION

Get medical attention or advice immediately. Do not induce vomiting unless advised by a physician. Never give anything by mouth to a victim who is unconscious or is having convulsions.

SKIN

Wash area of contact thoroughly with soap and water. If irritation, rash or other disorders develop or persist, get medical attention immediately. Contaminated leather articles, including shoes, that cannot be decontaminated, should be discarded.

SECTION V: FIRE-FIGHTING MEASURES

FLASH POINT: > 350°F (177°C)

METHOD: PM cc

FLAMMABILITY LIMITS IN AIR: N/A

AUTO-IGNITION TEMPERATURE: Not established

FIRE AND EXPLOSION HAZARDS: N/A

SPECIAL FIRE FIGHTING PROCEDURES

Cool containers with water spray. Containers may burst if overheated. During a fire, personnel at the scene must avoid exposure to fumes using accepted fire fighting techniques.

COMBUSTION PRODUCTS

Combustion products may include carbon oxides, nitrogen oxides and other hydrocarbons.

EXTINGUISHING MEDIA

Dry chemical powder, CO₂, foam.

OTHER PRECAUTIONS

Firefighters should wear full protective clothing including self-contained breathing apparatus.

SECTION VI: ACCIDENTAL RELEASE MEASURES

RELEASE OR SPILL

Evacuate the area promptly. Keep upwind of the spilled material and isolate exposure. Avoid inhalation of vapours or mists. Surface may become slippery after a spill. Wear appropriate personal protective equipment. Stop the flow of material, if this is without risk. Do not allow to drain to sewers. Ventilate the contaminated area. Absorb spill with inert material (sand, earth or other suitable material). Transfer to appropriate container for neutralization or disposal. Follow all local, state and federal regulations for disposal of the spilled material.

SECTION VII: HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS

Avoid contact with skin and eyes. Do not breathe vapours. Wear proper personal protective equipment. Avoid contact with water. Do not re-seal contaminated product as a hazardous build-up of pressure may result from liberation of CO₂ gas. Avoid contact with metals such as aluminum, brass, copper, galvanized metals, tin and zinc. Keep containers properly sealed in a cool, dry, well-ventilated area (65-85°F [18.3-29.4°C]). Do not store in open, unlabelled or mislabelled containers. Do not reuse empty container without commercial cleaning or reconditioning.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

HANDS: The use of neoprene, nitrile rubber or butyl rubber gloves is recommended.

RESPIRATORY: Use a NIOSH-approved organic vapour respirator to protect against inhalation of vapours. A respirator should be used if ventilation is unavailable, or is inadequate for keeping vapours levels below the applicable exposure limits.

EYES: Wear chemical goggles; add face shield (if splashing is possible).

OTHERS: Eye wash fountain and emergency showers are recommended.

CONTROL OF VAPOURS: Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
ODOUR AND APPEARANCE:	Viscous liquid with negligible odour
COLOUR:	Black
pH:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
BOILING POINT:	Not available
MELTING POINT:	Not available
FREEZING POINT:	Not available
EVAPORATION RATE:	Not available
VOC:	Not available
SOLUBILITY IN WATER:	Not available
VISCOSITY:	10,000 cps at 75°F
SPECIFIC GRAVITY:	1.02
% VOLATILE:	< 0.15%

SECTION X: STABILITY AND REACTIVITY

STABILITY: This material is stable at room temperature.

CONDITIONS TO AVOID: Avoid high temperatures. Avoid contact with water. Avoid contamination.

INCOMPATIBILITY: Avoid contact with water, alcohols, amines, bases and acids.

HAZARDOUS DECOMPOSITION: Carbon oxides, nitrogen oxides and hydrocarbons.

CONDITIONS TO AVOID POLYMERIZATION: Polymerization will not occur.

SECTION XI: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA

Polypropylene glycol:

LD50 (oral, rat): > 2 000 mg/kg

Carbon black:

LD50 (oral, rat): > 15 400 mg/kg

N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine:

LD50 (oral, rat): 7 460 µL/kg

Bis (1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate:

LD50 (oral, rat): 2 615 mg/kg

ACUTE EXPOSURE

This product is irritating to eyes, skin and lungs. It may cause allergic skin reactions. It may be harmful if swallowed.

CHRONIC EXPOSURE

No information available on the product. Avoid repeated exposure.

CARCINOGENICITY

No additional information available.

SECTION XII: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL DATA: N/A

CHEMICAL FATE: N/A

SECTION XIII: DISPOSAL CONSIDERATIONS

RCRA CLASS: N/A

DISPOSAL METHOD: Dispose of in compliance with local, state, federal and provincial regulations.

EPA REPROTABLE QUANTITIES: N/A

SECTION XIV: TRANSPORT INFORMATION

DOT SHIPPING NAME: Not regulated

DOT HAZARD CLASS: Not regulated

UN/NA NUMBER: Not regulated

PACKING GROUP: Not regulated

REPORTABLE QUANTITY (RQ): N/A

SECTION XV: REGULATORY INFORMATION

WHMIS:

D2A: Poisonous and infectious material – Other effects – Very toxic

D2B: Poisonous and infectious material – Other effects – Toxic

TSCA STATUS: On the Toxic Substances Control Act Inventory.

TARGET ORGANS: Eyes, skin and respiratory system.

OSHA HAZARDOUS COMPONENTS: None

SARA 311 RATINGS

Immediate Health Hazard: Y

Delayed Health Hazard: Y

Fire Hazard: N

Reactivity Hazard: N

Sudden Release of Pressure Hazard: N

SARA 313 INGREDIENTS: None

Proposition 65 Ingredients – This product contains a chemical known to the State of California to cause cancer.

HMIS (USA):		NFPA (USA):	
Health	2*	Health	2
Flammability	0	Flammability	0
Reactivity	0	Reactivity	0
Protective equipment	G	Specific hazard	-

SECTION XVI: OTHER INFORMATION

Glossary:

ANSI:	American National Standards Institute
ASTM:	American Society for Testing and Materials
CAS:	Chemical Abstract Services
CSA:	Canadian Standardisation Association
DOT:	Department of Transportation (United States)
EPA:	Environmental Protection Agency (United States)
HMIS:	Hazardous Material Information System
LD50/LC50:	Less high lethal dose and lethal concentration published
NFPA:	National Fire Protection Association (United States)
OSHA:	Occupational Safety & Health Administration (United States)
RCRA:	Resource Conservation and Recovery Act (United States)
TDG:	Transportation of Dangerous Goods
TLV-TWA:	Threshold Limit Value – Time-Weighted Average
WHMIS:	Workplace Hazardous Materials Information System (Canada)

Reference:
Material Safety Data Sheet of supplier.

Code of MSDS: CA U DRU SS FS 139
This MSDS has been prepared by: Michel Galtier
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The Material Safety Data Sheets of SOPREMA are available on Internet at the following site: <http://www.soprema.ca>

Justification of the update:

- New product.

This MSDS contains all the information required by ANSI Z-400.1-1998 standard (United States), by regulation 29 CFR Part 1910.1200 of the Hazard Communication Standard of OSHA, and is in accordance with standard DORS/88-66 of WHMIS (Canada).

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