

ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment.

Environmental Precautions: Do not flush into surface water or sanitary sewer system.

Methods for Cleaning Spills: Soak up with inert absorbent material. Sweep and remove into suitable containers for disposal.

SECTION I. PRODUCT IDENTIFICATION

ReUse Concrete Sealing Specialists, LLC
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PRODUCT NAME: **SEALGREEN E10 High Performance Sealer**

<u>HMIS CODES</u>		<u>NFPA Rating</u>	
Health:	*1	Health	1
Flammability:	0	Flammability	0
Reactivity:	0	Reactivity	0
Personal Protection	B * Indicates possible health effect	Special	NA

SECTION II. MATERIAL COMPONENTS

<u>Components</u>	<u>Cas No.</u>	<u>Weight</u>	<u>OSHA TWA (final):</u>	<u>ACGIH Exposure</u>
Ethylene glycol monobutyl ether	111-76-2	1-7%	240 mg/m3 51ppm	21ppm

The specific chemical identity and/or weight percent is being withheld as a trade secret.

SECTION III. HEALTH HAZARDS

Principal routes of exposure: Eyes, skin, and inhalation.

Inhalation of Product: Avoid breathing vapors or mist. May cause irritation of the mucous membranes.

Eye Contact: Contact with eyes may cause irritation.

Skin Absorption: Prolonged and repeated contact may cause irritation and redness. Components of the product may be absorbed into the body through the skin.

Swallowed: If swallowed may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Physico-chemical properties: No hazards resulting from material as supplied.

SECTION IV. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	VOC Content Product: (g/l)	< 49.0 g/l
Color:	White Opaque	VOC Content (%)	77.10
Odor:	Slight Odor	Solubility:	Emulsifiable
Vapor Pressure: determined	Not determined	Evaporation rate:	Not
Vapor Density:	Not determined	PH:	>8
Viscosity:	10-22 cps	Flash Point ©:	NA
Decomposition Temperature:	Not determined	Flash Point (F)	NA
Auto-ignition temperature:	Not determined	Explosive properties	Not determined
Density (g/ml)	1.013		(upper/lower limit)

SECTION V. REGULATORY INFORMATION

OSHA Hazard Communication Standard:	This product is considered hazardous under the OSHA Hazard Communication Standard.		
Canada-WHMIS Classification Information:	This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.		
Product Classification:	Class D2B- Poisonous and Infectious material: Other toxic effects include irritants, skin sensitivity and chronic health effects.		
Product Classification Graphics: Component Classification Data:	Ethylene glycol monobutyl ether- 111-76-2 WHMIS hazard class: Listed B3, D1A, D2B		
Canadian National Pollution Inventory Data:	Ethylene glycol monobutyl ether- 111-76-2 Canada- National Pollution Listed release Inventory		
US Regulations:	SARA (311, 312) hazard class: This product possesses the following SARA Categories: Immediate Health (Acute): Yes Delayed Health (Chronic): Yes Flammability: No Pressure: No Reactivity: No Ethylene glycol monobutyl ether- 111-76-2 CERCLA/SARA 313 Emission reporting: Listed RCRA Status Not regulated		
State Regulations: (RTK)	California Proposition 65 Status: No components are listed Ethylene glycol monobutyl ether- 111-76-2 MARTK: Listed NJRTK: Listed PARTK: Listed		
Inventory Status:			
United States TSCA-Sect. 8 (b) Inventory:	This product complies with TSCA		
Canada DSL Inventory List:	DSL compliance has not been determined		

SECTION VI. FIRE AND EXPLOSION PRECAUTIONS

Flash Point:©: NA	Flash Point (F): NA	Flash Point Method: None to boiling
Flammable limits in air-upper (%):	Not determined	
Flammable limits in air-lower (%):	Not determined	
Suitable Extinguishing media:	Use dry chemical, CO2, water spray or alcohol foam	
Unusual hazards:	None known	
Special protective equipment:	As in any fire use a breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	

Specific Methods: water mist may be used to cool closed containers.

SECTION VII. STABILITY & REACTIVITY

Material to avoid: Strong acids and oxidizing agents
Stability: Stable under recommended storage conditions.
Conditions to avoid: None known
Hazardous Decomposition Products: Carbon oxides, Nitrogen oxides (nox)
Polymerization: Stable at normal conditions

SECTION VIII. SPILL, LEAK AND DISPOSAL PROCEDURES

Personal precautions: Ensure adequate ventilation. Use personal protective equipment.
Environmental precautions: Do not flush into surface water or sanitary sewer system.
Methods for clean up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.
Waste from residues: Waste disposal must be in accordance with Federal, State, and Local regulations.
Unused products: This product, if altered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory.
Contaminated packaging: Do not re-use empty containers.

SECTION IX. HANDLING AND STORAGE

Handling:
Technical measures: Provide sufficient air exchange and/or exhaust in work area.
Do not breathe vapors or spray mist. In case of insufficient ventilation, wear suitable respiratory equipment. Keep container tightly closed. Avoid contact with skin and eyes.
Wear personal protective equipment. Wash thoroughly after handling.
Storage: Do not freeze. Store at room temperature in the original container.
Technical measures:
Incompatible products: Strong oxidizing agents
Safe storage temperature: 60-80 F
Shelf Life: 8 months

SECTION X. APPLICATION PROTECTION

Components: Ethylene glycol monobutyl ether
ACGIH 21ppm
Exposure Limits:
OSHA TWA (final): 240mg/m³ 550ppm
NIOSH Pocket guide TWAs: 24mg/m³TWA 5ppm TWA
Vendor Exposure: None
Engineering measures: Ensure adequate ventilation
Personal protective equipment:
General: Eyewash and safety shower
Respiratory: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, a NIOSH/MSHA certified respirator with organic vapor / P100 filter should be worn.
Hand protection: Neoprene gloves
Skin and body: Long sleeved clothing
Eye Protection: Safety glasses with side shields
Hygiene: Avoid contact with skin, eyes, and clothing

SECTION XI. FIRST AID

Contact with product:	Take off all contaminated clothing immediately. Wash off with soap and water. If symptoms persist, seek medical attention.
Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin contact:	Remove and wash contaminated clothing before re-use. Wash off immediately with water for at least 15 minutes. If symptoms persist, seek medical attention.
Ingestion:	Seek medical attention immediately. If swallowed, give two glasses of water to drink. Do not induce vomiting without medical advice. Never give an unconscious person anything by mouth.
Inhalation:	Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
Notes to physician:	Treat symptomatically
Medical conditions	Dermatitis aggravated by exposure:

SECTION XII. ECOLOGICAL INFORMATION

Persistence and degradability:	No information available
Mobility:	No data on file
Bioaccumulation:	No data on file
Ecotoxicity effects:	No data on file
Aquatic toxicity:	Not determined
Ethylene glycol monobutyl ether	
Ecotoxicity-Fish species data:	LC50 (Lepomis macrochirus - 96h) = 1490mg/L

SECTION XIII. TOXICOLOGICAL INFORMATION

This product contains ethylene glycol monobutyl ether, which has been shown to cause red blood cell hemolysis with secondary injury to the kidney and liver in laboratory animals. However, humans appear to be resistant to this effect.

No toxicological information is available in the product. Data obtained on components are summarized below:

Components:	Ethlene glycol monobutyl ether
NTP:	This product does not contain material shown to be a carcinogen by the National Toxicology Program (NTP)
IARC:	This product does not contain material shown to be a carcinogen by the Internal agency for research on cancer (IARC)
OSHA Select Carcinogens	This product does not contain material shown to be a carcinogen by the OSHA.
NIOSH-Selected LD 50s/LC50s:	2.21mg/L inhalation, LC50Rat 220mg/kgDeraml, LD50Rabbit 450ppm inhalation, LC50Rat 2270mg/kgDermal, LD50Rat 470mg/kgOral, LD50Rat

SECTION XIV. TRANSPORTATION

US Department of Transportation:		TDG (Canada)
Proper shipping name:	Not regulated	Proper shipping name: Not regulated
IMDG/IMO:		IATA/ICAO
Proper shipping name:	Not regulated	Proper shipping name: Not regulated

SECTION XV. DISCLAIMER OF LIABILITY

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