



**E15 STAMPED CONCRETE EPOXY SEALER
MATERIAL SAFETY DATA SHEET
7/2015**

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 E15 Stamped Concrete Epoxy 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: | Not determined | Evaporation rate: | Not determined |
| 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

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| 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

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| 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

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| 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

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|--------------------------------|---|
| Components: | Ethylene glycol monobutyl ether |
| ACGIH | 21ppm |
| Exposure Limits: | |
| OSHA TWA (final): | 240mg/m ³ 550ppm |
| NIOSH Pocket guide TWAs: | 24mg/m ³ TWA 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 |

Inhalation: anything by mouth.
 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: | Ethylene 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 International 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/kgDermal, LD50Rabbit |
| | 450ppm inhalation, LC50Rat | 2270mg/kgDermal, LD50Rat |
| | 470mg/kgOral, LD50Rat | |

SECTION XIV. TRANSPORTATION

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|---|---------------|-------------------------------------|
| 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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