

Safety Data Sheet

Product identifier used on the label: **BD REAR MAIN SEALER 12/8**

Product Code: BDH00234

Revision Date: 09-07-2023

Replaces: 08-22-2023

1. Identification

Product identifier used on the label: **BD REAR MAIN SEALER 12/8**

Product Code: BDH00234

Other means of identification: BDEV0023400234

Other means of identification:

Synonyms: No data available

Recommended use of the chemical and restrictions on use:

Recommended use: Sealant

Restrictions on use: Uses other than those described above

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:

Highline Warren LLC

4500 Malone Road

Memphis, TN 38118

Phone number: +1-888-863-0426 Hours: M-F 8AM-5PM EST

E-mail address: sds@highlinewarren.com

Emergency phone number: CHEMTREC: +1 (800) 424-9300 International: +01 (703) 527-3887

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification: Flammable Liquid Category 4

Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3 Narcotic Effects

Signal Word: Warning

Hazard Statements: Combustible Liquid; May cause drowsiness or dizziness

Precautionary Statements:

Prevention: Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid breathing dust/fume/gas/mist/ vapors/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

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Response: If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/if you feel unwell. In case of fire: Use an appropriate extinguisher (see section 5) to extinguish.

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/regional/national/international regulations.

Hazards not otherwise classified: No data available

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Diethylene glycol monoethyl ether	No data available	111-90-0	100

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation: If inhaled: Remove person to fresh air and keep comfortable for breathing.

Eye Contact: None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.

Most important symptoms/effects, acute and delayed: May cause drowsiness or dizziness.

Indication of immediate medical attention and special treatment needed, if necessary: Call a poison center/doctor/if you feel unwell.

5. Fire-fighting measures

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Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid.

Unsuitable extinguishing media: No data available

Specific hazards arising from the chemical: Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition.

Hazardous combustion products: Carbon dioxide, Carbon monoxide

Special protective equipment and precautions for fire-fighters: In case of fire: Use an appropriate extinguisher (see section 5) to extinguish.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: No health affects expected from the clean up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS.

Methods and materials for containment and cleaning up: No special spill clean up considerations. Collect and discard in regular trash.

7. Handling and storage

Precautions for safe handling: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions: Store in a well-ventilated place. Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents, Strong bases, Strong acids

8. Exposure controls/personal protection

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OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH	US WEEL
No data available					

Appropriate engineering controls: Use only outdoors or in a well-ventilated area. General room ventilation might be required to maintain operator comfort under normal conditions of use.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: Avoid breathing dust/fume/gas/mist/ vapors/spray.

Respirator Type(s): None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

Eye protection: Wear safety glasses when handling this product if there is a likelihood of contact with eyes.

Skin protection: Where use can result in skin contact, practice good personal hygiene and wear impervious gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves: Wear appropriate protective gloves to prevent skin exposure.

General hygiene conditions: Wear protective gloves/protective clothing/eye protection/face protection.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state: Liquid

Color: Colorless

Odor: Mild Sweet

Odor Threshold: Not determined

pH: No data

Melting point/freezing point:

Melting Point: No data available

Freezing point: No data available

Initial boiling point and boiling range 198

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(°C):

Flash Point (°C): 91

Evaporation Rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits:

Upper flammability or explosive limits: Not established

Lower flammability or explosive limits: Not established

Vapor pressure: No data available

Vapor density: No data available

Relative density: 0.99

Solubility(ies): Miscible

Partition coefficient: n-octanol/water: -0.54

Auto-ignition temperature: No data available

Decomposition Temperature: Not determined

Viscosity: No data available

10. Stability and reactivity

Reactivity: There are no known reactivity hazards associated with this product.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: None expected under standard conditions of storage.

Conditions to avoid (e.g., static discharge, shock, or vibration): Temperatures above flash point in combination with sparks, open flames, or other sources of ignition.

Incompatible materials: Strong oxidizing agents, Strong bases, Strong acids

Hazardous decomposition products: No data available

11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Eye contact, Skin contact, Ingestion, Absorption, Inhalation

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Symptoms related to the physical, chemical and toxicological characteristics:

May cause drowsiness or dizziness.

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Ingestion:

No hazard in normal industrial use. Estimated to be > 5.0 g/kg.

Skin Contact:

Likely to be non-irritating to skin based on animal data.

Inhalation:

No hazard in normal industrial use. Likely to be practically non-toxic based on animal data.

Eye Contact:

This material is likely to be non-irritating to eyes based on animal data. No hazard in normal industrial use.

Sensitization:

Non-hazardous under Respiratory Sensitization category. No data available to indicate product or components may be a skin sensitizer.

Mutagenicity:

No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Carcinogenicity:

None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.

Reproductive toxicity

Not known or reported to cause reproductive or developmental toxicity.

STOT-single exposure:

Classification has been based on toxicological information of the components in Section 3.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Other information:

None known.

Numerical measures of toxicity (such as acute toxicity estimates) Based on available data, the classification criteria are not met.

Is the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
There are no components that are known or reported to cause cancer.			

12. Ecological information

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Ecotoxicity (aquatic and terrestrial, where available):

This material is not expected to be harmful to the ecology.

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Diethylene glycol monoethyl ether	111-90-0	EC50 (48h) Daphnia magna 3940 - 4670 mg/L	No data available	LC50 (96h) Pimephales promelas (Fathead Minnow) 11600 - 16700 mg/L LC50 (96h) Rainbow Trout 11400 - 15700 mg/L LC50 (96h) Lepomis macrochirus (Bluegill) 19100 - 23900 mg/L LC50 (96h) Lepomis macrochirus (Bluegill) 10000 mg/L

Persistence and degradability:

No data available

Bioaccumulative potential:

Bioconcentration is not expected to occur.

Mobility in soil:

This material is expected to have very high mobility in soil. It does not absorb to most soil types.

Other adverse effects (such as hazardous to the ozone layer):

None known.

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:

Dispose of contents and container in accordance with local/regional/national/international regulations.

Contaminated packaging:

Empty containers may contain residues. Dispose of in the same way as waste product.

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14. Transport information

Carriage of dangerous goods by road (DOT), rail or inland waterways:

DOT Basic Description: Product classed as a combustible liquid in a non-bulk packaging (<119 gallons) is not subject to the requirements listed in 49 CFR 173.150(f)(2).

International carriage of dangerous goods by sea (IMDG/IMO):

UN number: Not regulated by IMDG

UN Proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group, if applicable: Not applicable

International carriage of dangerous goods by air (IATA):

UN number: Not regulated by IATA

UN Proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group, if applicable: Not applicable

Environmental hazards (e.g., Marine pollutant (Yes/No)): None.

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): No data available

Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises: No data available

15. Regulatory information

Safety, health and environmental regulations specific for the product in question:

TSCA Status: All components of this material are on the Active US TSCA Inventory or are exempt.

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Regulated Components:

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
Diethylene glycol monoethyl ether	111-90-0	N	N	N	N

Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
Diethylene glycol monoethyl ether	111-90-0	N	N	N	N

California Prop 65

WARNING: This product can expose you to Ethylene glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Diethylene glycol monoethyl ether	111-90-0	N	N	N	N	Y

16. Other information, including date of preparation or last revision.

SDS Prepared by: EHUGHES
Revision Date: 09-07-2023
Revision Number: 3
Reason for revision: Activated by Document Formulation Generation
References: No data available
Other Info: No data available

Disclaimer: This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in

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