

# SAFETY DATA SHEET

Date Issued : 06/08/2018  
SDS No : Bortek\_Permacote 180

## Permacote 180 Low Solids Floor Finish

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Permacote 180 Low Solids Floor Finish  
**GENERAL USE:** Floor finish  
**PRODUCT DESCRIPTION:** Acrylic Floor Finish  
**CHEMICAL FAMILY:** Acrylic/wax Blend

#### DISTRIBUTOR

Bortek Industries, Inc.  
4713 Gettysburg Road  
Mechanicsburg, PA 17055  
**Customer Service:** 7177377162

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEM-TEL (Medical and Transportation):** 800-255-3924  
**POISON CONTROL CENTER (Medical):** 800-222-1222

### 2. HAZARDS IDENTIFICATION

#### GHS LABEL

#### HAZARD STATEMENTS

3266XHQZ: May be mildly irritating to eyes and skin.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P262: Do not get in eyes, on skin, or on clothing.  
P102: Keep out of reach of children.  
P264: Wash hands thoroughly after handling.

##### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.

##### Storage:

P404: Store in a closed container.

##### Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** White opaque liquid

**IMMEDIATE CONCERNS:** Mild eye irritant.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Contact may cause eye irritation.

**SKIN:** May be mildly irritating with prolonged or repeated contact.

**SKIN ABSORPTION:** None known.

**INGESTION:** Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

**INHALATION:** None Expected.

#### REPRODUCTIVE TOXICITY

**TERATOGENIC EFFECTS:** None known.

**CARCINOGENICITY:** None known.

**MUTAGENICITY:** None known.

**ROUTES OF ENTRY:** Ingestion, eye

**SENSITIZATION:** None

**WARNING CAUTION LABELS:** None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name                       | Wt.%    | CAS        |
|-------------------------------------|---------|------------|
| Acrylate Copolymer                  | 10 - 15 | N/A        |
| Oxidized Polyethylene               | 0 - 5   | 68441-17-8 |
| Dipropylene glycol monomethyl ether | 0 - 5   | 34590-94-8 |

|                               |         |           |
|-------------------------------|---------|-----------|
| Diethylene Glycol Ethyl Ether | 0 - 5   | 111-90-0  |
| Tributoxyethyl Phosphate      | 0 - 5   | 78-51-3   |
| Water                         | 70 - 80 | 7732-18-5 |

#### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** No known significant effects or critical hazards.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Slight discomfort with redness, watering eyes.

**SKIN:** No known significant effects or critical hazards.

**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.

**INHALATION:** No known significant effects or critical hazards.

**ACUTE EFFECTS:** None known.

**CHRONIC EFFECTS:** No known significant effects or critical hazards.

#### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** NA = Not Applicable

**GENERAL HAZARD:** NA = Not Applicable

**EXTINGUISHING MEDIA:** NA = Not Applicable

**FIRE FIGHTING PROCEDURES:** NA = Not Applicable

#### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid discharges into open waterways.

**LAND SPILL:** Avoid discharge to soil.

**AIR SPILL:** NA = Not Applicable

#### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Close container after use.

**HANDLING:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**STORAGE:** Keep container closed to prevent drying out.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) |                 |           |     |                   |
|---|-----------------|-----------|-----|-------------------|
| Chemical Name                               | EXPOSURE LIMITS |           |     |                   |
|   | Type            |           | ppm | mg/m <sup>3</sup> |
| Dipropylene glycol monomethyl ether         | OSHA PEL        | TWA       | 100 | 600               |
|   |                 | ACGIH TLV | TWA | 100               |
|   |                 | STEL      | 150 | 909               |
| Diethylene Glycol Ethyl Ether               | Supplier OEL    | TWA       | 25  | 140               |

**ENGINEERING CONTROLS:** None

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields.

**SKIN:** Rubber or other chemical resistant gloves.

**RESPIRATORY:** NA = Not Applicable

**PROTECTIVE CLOTHING:** NA = Not Applicable

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Characteristic.

**ODOR THRESHOLD:** Not Established

**COLOR:** White emulsion  
**pH:** 8.5 to 9.5  
**PERCENT VOLATILE:** >80  
**FLASH POINT AND METHOD:** None  
**FLAMMABLE LIMITS:** N/A  
**AUTOIGNITION TEMPERATURE:** NA = Not Applicable  
**VAPOR PRESSURE:** Not Available  
**VAPOR DENSITY:** > 1 Air = 1  
**BOILING POINT:** 212° F; 100° C  
**FREEZING POINT:** 32° F; 0° C  
**MELTING POINT:** Not Available  
**THERMAL DECOMPOSITION:** Not Available  
**SOLUBILITY IN WATER:** dispersable  
**EVAPORATION RATE:** (Water =1) 1.0  
**DENSITY:** 8.58 at (68°F)  
**SPECIFIC GRAVITY:** 1.028 grams/ml.  
**VISCOSITY:** Water thin.  
**(VOC):** 1.67 % by weight

#### 10. STABILITY AND REACTIVITY

**REACTIVITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**STABILITY:** No known significant effects or critical hazards.  
**CONDITIONS TO AVOID:** Strong oxidizing materials.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.  
**INCOMPATIBLE MATERIALS:** Strong acids, oxidizers.

#### 11. TOXICOLOGICAL INFORMATION

##### ACUTE TOXICITY

| Chemical Name                       | ORAL LD <sub>50</sub> (rat) | DERMAL LD <sub>50</sub> (rabbit) |
|-------------------------------------|-----------------------------|----------------------------------|
| Acrylate Copolymer                  | > 10000 mg/kg (rat)         |                                  |
| Dipropylene glycol monomethyl ether | > 5000 mg/kg (rat)          | 9510 mg/kg (rabbit)              |
| Diethylene Glycol Ethyl Ether       | 6031 mg/kg (mouse)          | 9143 mg/kg (rabbit)              |
| Tributoxyethyl Phosphate            | 3000 mg/kg (rat)            | 16 ml/kg (rabbit)                |

**DERMAL LD<sub>50</sub>:** No known significant effects or critical hazards.  
**INHALATION LC<sub>50</sub>:** No known significant effects or critical hazards.  
**SKIN CORROSION/IRRITATION:** No known significant effects or critical hazards.  
**RESPIRATORY OR SKIN SENSITISATION:** No known significant effects or critical hazards.  
**GERM CELL MUTAGENICITY:** No known significant effects or critical hazards.  
**CARCINOGENICITY**  
**IARC:** No listed substance

#### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No known significant effects or critical hazards.  
**ECOTOXICOLOGICAL INFORMATION:** Not Established  
**AQUATIC TOXICITY (ACUTE):** Not Established

#### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations.  
**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.  
**PRODUCT DISPOSAL:** See above.  
**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.  
**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable

#### 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**  
**PROPER SHIPPING NAME:** Liquid floor wax, not regulated.

**15. REGULATORY INFORMATION**

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: Health - Acute

**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

| Chemical Name                 | Wt.%  | CAS      | Comments                   |
|-------------------------------|-------|----------|----------------------------|
| Diethylene Glycol Ethyl Ether | 0 - 5 | 111-90-0 | N230 Certain Glycol Ethers |

**302/304 EMERGENCY PLANNING**

EMERGENCY PLAN: NA = Not Applicable

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

CERCLA REGULATORY: NA = Not Applicable

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

TSCA REGULATORY: All ingredients are listed on the TSCA Chemical Inventory.

**STATES WITH SPECIAL REQUIREMENTS**

| Chemical Name                       | Requirements  |
|-------------------------------------|---|
| Dipropylene glycol monomethyl ether | Massachusetts Right to Know Substance<br>New Jersey Right To Know Substance<br>Pennsylvania Right to Know Substance |

**CARCINOGEN:** No listed substance

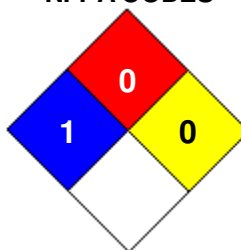
**16. OTHER INFORMATION**

Date Prepared: 06/08/2018

**HMIS RATING**

|                            |                                |
|----------------------------|--------------------------------|
| <b>HEALTH</b>              | <input type="text" value="1"/> |
| <b>FLAMMABILITY</b>        | <input type="text" value="0"/> |
| <b>PHYSICAL HAZARD</b>     | <input type="text" value="0"/> |
| <b>PERSONAL PROTECTION</b> | <input type="text" value="A"/> |

**NFPA CODES**



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