

# Tile & Stone Sealer

## Osha's Hazard Communication Standard U.S. Department Of Labor

Identity No: Name: **Tile & Stone Sealer**

### Section 1

Manufacturers Name: Miracle Sealants Company  
Address: 12318 Lower Azusa Road  
Emergency Phone: 800-350-1901  
City: Arcadia  
State: CA  
Phone: 626-443-6433  
Date Prepared: 05 - 2012

### Section 2 - Hazardous Ingredient/Identity Information

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV
Water	7732-18-6	-	-
Polymer	196316-34-4	-	-
PNB - Glycol Ether	5131-66-8	-	-

VOC Content: VOC < 65 g/l - EPA Calculation  
VOC < 16 g/l - Low Solids Calculation

### Section 3 - Physical/Chemical Characteristics

Boiling point: 212°F  
Vapor pressure (68°F): < 1  
Solubility in water: Soluble  
pH: 4-6  
VOC exempt components: 90% (Water & solids)  
Evaporation rate (Ether = 1): < 1  
Appearance and odor: Milky white, slight odor

Vapor density (Air=1): > 1  
Specific gravity (H<sub>2</sub>O = 1): ~ 1.10  
Volatile by volume: ~ 98%

### Section 4 - Fire And Explosion Hazard Data

Flash point: None (TOC)  
LEL: N/D  
NFPA Hazard rating - H F R S  
Extinguishing media: Water, dry chemical, CO<sub>2</sub>, foam

Flammable limits: N/D  
DOT#: None  
(o-Least, 4-Extreme): 1 0 0 0

Special fire fighting procedures: A self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.  
Unusual fire and explosion hazards: Material is non-flammable & non-combustible.

### Section 5 - Reactivity Data

Stability: Stable  
Conditions to avoid: None  
Incompatible materials to avoid: None  
Hazardous polymerization: Will not occur  
Hazardous decomposition or by-products: Thermal decomposition can produce CO<sub>2</sub>, CO, possible traces of HF.

### Section 6 - Health Hazard Data

#### Routes of entry:

Inhalation - Possible  
Eyes - Possible  
Health Hazards - Same as signs & symptoms of over exposure  
Carcinogenicity: NTP - No; Monograph - No; OSHA regulated - No

Skin - Possible  
Ingestion - Possible

#### Signs & Symptoms of Over Exposure:

Eyes: Mild eye irritant. Direct contact with the solution may cause slight irritant & conjunctive irritation. No permanent damage is anticipated.  
Skin: can be mildly irritating upon prolonged exposure. Ingestion: can cause gastrointestinal irritation, nausea, vomiting & diarrhea. Inhalation: gross over-inhalation may cause symptoms such as but not limited to, coughing, may aggravate pre-existing lungs disorders.

### Emergency and First Aid Procedures:

**Eyes:** Flush immediately with clean, free-flowing water for 15 minutes. Consult a physician if irritation persists. **Skin:** Wash thoroughly with soap and water. **Inhalation:** Remove to fresh air. If not breathing, give artificial respiration including oxygen. Call physician. **Ingestion:** Extremely low toxicity (water based product). Give a quart or more of water to drink and induce vomiting. Provide medical attention. Never administer liquid by mouth to unconscious person.

### Section 7 - Precautions For Safe Handling And Use

Steps to be taken in case material is released or spilled: observe precautions from other sections. Collect any spills with absorbent material such as vermiculite, place collected material in a polyethylene lined metal container and seal. Clean up residue with water.

Waste disposal method: dispose of in accordance with federal, state, and local regulations.

Storage and handling information: keep from freezing. Store in a cool dark place. Keep container dry and tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN.

### Section 8 - Control Measures

Respiratory protection: Ventilate by opening all doors and windows. If exposure above the TLV or PEL require a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required. Local exhaust: Recommended.  
Mechanical exhaust: General ventilation system should be provided.

Special: None Other: None

Protective gloves: Plastic or rubber, chemical resistant.

Eye protection: Tight fitting, splash proof safety goggles.

Other protective clothing or equipment: Chemical resistant clothing

Work hygienic practices: Wash hands thoroughly before handling food stuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

### Section 9 - Shipping & Regulatory Classification

DOT Shipping Name: Non-Hazardous Liquid, N.O.I. Please refer to the Bill of Lading receiving/documents for up-to-date information.

DOT Hazard Class: Not Available  
OSHA Hazard Class: Not Available  
UN/NA Number: Not Available  
EPA Hazard Waste: Not Available  
CPSC Classification: Not Available  
Transportation Class: 55

Toxic Substances Control Act (TSCA): This product and/or all the ingredients contained in this product have been registered under the Toxic Substances Control Act.

**NOTE:** Miracle Sealants believes the data set forth are accurate. Miracle Sealants makes no warranty with respects thereto and disclaims all liability or reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.