

# Material Safety Data Sheet

# PERMA•CRETE®

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## SECTION I-PRODUCT IDENTIFICATION

**PRODUCT NAME:** PERMA•CAULK SEALANT (TYPICAL)

## SECTION II-HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	OSHA PEL	VAP/PRESS	% IN PROD.
N/A				

## SECTION III-PHYSICAL DATA

<b>BOILING POINT:</b>	338° - 471°F	<b>EVAPORATION</b>	
<b>WT/GAL:</b>	12.41 (1487 g/l)	<b>RATE:</b>	26.20 (Ethyl Ether=1)
<b>VOC W/WATER:</b>	0.10 (11 g/l)	<b>% VOLATILE VOLUME:</b>	35.79
<b>VOC W/OUT WATER:</b>	0.15 (17 g/l)	<b>% WEIGHT SOLIDS:</b>	75.94
<b>VAPOR DENSITY:</b>	Heavier than air		

## SECTION IV-FIRE AND EXPLOSION HAZARD DATA

**FLAMMABILITY CLASSIFICATION:** Slightly combustible - Class 111B  
**FLASH POINT:** 200°F  
**EXTINGUISHING MEDIA:** Foam, Alcohol Foam, CO<sub>2</sub>, Dry Chemical, Water, Other  
**SPECIAL FIRE FIGHTING PROCEDURES:** Respiratory equipment should be worn to avoid inhalation of concentrated vapors  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** Material does not support combustion

**HMIS CODES:** H - 2; F - 1; R - 0; PP - 1

## SECTION V-HEALTH HAZARD DATA

**ROUTES OF ENTRY:** Inhalation: Yes Skin: Yes Ingestion: Yes

**EFFECTS OF OVEREXPOSURE:**

INHALATION: Dizziness, breathing difficulty, headaches, loss of coordination, unconsciousness, and death. EYE CONTACT: Severe irritation, tearing, redness, blurred vision, and blindness. SKIN CONTACT: Irritation and dermatitis. INGESTION: Can cause gastrointestinal irritation, vomiting, nausea, diarrhea, and death.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:**

Asthma, respiratory tract irritation, dermatitis, nausea, vomiting.

## SECTION V-HEALTH HAZARD DAT-Cont'd.

### FIRST AID:

- INHALATION:** Move exposed person to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention.
- EYE CONTACT:** Flush with large quantities of water for 15 minutes.
- SKIN CONTACT:** Wash thoroughly with soap and water and see a doctor.
- INGESTION:** Contact physician immediately.

## SECTION VI-REACTIVITY DATA

- STABILITY:** Stable.
- CONDITIONS TO AVOID:** Excessive heat, poor ventilation, corrosive atmospheres, excessive aging.
- HAZARDOUS POLYMERIZATION:** Will not occur.
- HAZARDOUS DECOMPOSITION:** Carbon monoxide, carbon dioxide, oxides of nitrogen.
- INCOMPATIBILITY (MATERIALS TO AVOID):** Alkaline materials, strong acids and oxidizing materials.

## SECTION VII-SPILL AND DISPOSAL PROCEDURES

- SPILL RESPONSE:** Eliminate ignition sources, provide good ventilation, dike spill area and add absorbent earth or sawdust to spilled liquid.
- RECOMMENDED DISPOSAL:** Collect absorbent/spilled liquid mixture into metal containers. Consult local, state and federal hazardous waste regulation before disposing into approved hazardous waste landfills. Obey relevant laws.

## SECTION VIII-SAFE HANDLING AND USE INFORMATION

- RESPIRATORY PROTECTION:** When spraying this material use a NIOSH approved cartridge respirator or gas mask suitable to keep airborne mists and vapor concentration below the time-weighted threshold limit values. When using in poorly ventilated and confined spaces, use a fresh-air supplying respirator or a self-contained breathing apparatus.
- VENTILATION:** General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment should be explosion proof.
- PROTECTIVE GLOVES:** Impermeable chemical handling gloves for skin protection.
- EYE PROTECTION:** Use chemical safety glasses, goggles, and face shields for eye protection.
- OTHER PROTECTIVE EQUIPMENT:** Use impermeable aprons and protective clothing whenever possible to prevent skin contact. The use of head caps whenever possible is strongly recommended.
- HYGIENIC PRACTICES:** Eye washes and safety showers in the workplace are recommended.

## SECTION IX-SPECIAL PRECAUTIONS

- RECOMMENDED STORAGE:** Use in cool, well ventilated areas. Keep containers closed when not in use.
- OTHER PRECAUTIONS:** Keep away from children.

**Abbreviations:** N/D - Not Determined

N/A - Not Applicable

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