

# MATERIAL SAFETY DATA SHEET

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**SECTION I-PRODUCT IDENTIFICATION**

**PRODUCT NAME:** PERMA•WELD MASTIC

**SECTION II- COMPOSITION/ INGREDIENTS**

INGREDIENT	CAS #	OSHA PEL	VAP/PRESS	% IN PROD.
ACRYLIC POLYMER:	Not Hazardous	N/A	N/A	43-45
RESIDUAL MONOMERS:	Not Hazardous	N/A	N/A	<0.05
AMMONIUM HYDROXIDE	1336-21-6	N/A	N/A	0.2 MAX
WATER:	7732-18-5	N/A	N/A	55-57

**SECTION III-PHYSICAL DATA**

<b>BOILING RANGE:</b>	N/A	<b>EVAPORATION</b>	
<b>WT/GAL:</b>	8.53 (1022 g/l)	<b>RATE:</b>	<1 Water
<b>VOC W/ WATER:</b>	0.00 (0 g/l)	<b>% VOLATILE VOLUME:</b>	55-57% Water
<b>VOC W/OUT WATER:</b>	0.00 (0 g/l)	<b>% WEIGHT SOLIDS:</b>	20.74

**SECTION IV-FIRE AND EXPLOSION HAZARD DATA**

<b>FLAMMABILITY CLASSIFICATION:</b>	Slightly combustible - Class 111B
<b>FLASH POINT:</b>	Noncombustible
<b>EXTINGUISHING MEDIA:</b>	Use extinguishing media appropriate for surrounding fire.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	Material can splatter above 100C/212F. Dried product can burn.
<b>HMIS CODES:</b>	H - 1; F - 0; R - 0; PP - See Section VIII

**SECTION V-HEALTH HAZARD DATA**

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

**EFFECTS OF OVEREXPOSURE:**

INHALATION: Inhalation of vapor or mist can cause the following: headache, nausea, irritation of nose, throat, and lungs. EYE CONTACT: Direct contact with material can cause the following: slight irritation. SKIN CONTACT: Prolonged or repeated skin contact can cause the following: slight skin irritation.

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

### FIRST AID:

- INHALATION:** Move exposed person to fresh air.
- EYE CONTACT:** Flush with large quantities of water for 15 minutes. See a doctor if irritation persists.
- SKIN CONTACT:** Wash thoroughly with soap and water. See a doctor if irritation persists.
- INGESTION:** If swallowed, give 2 glasses of water to drink (to a conscious person only). 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:** Thermal decomposition may yield monomers.
- INCOMPATIBILITY (MATERIALS TO AVOID):** No known materials are incompatible.

## SECTION VII-SPILL AND DISPOSAL PROCEDURES

- SPILL RESPONSE:** Appropriate protective equipment must be worn when handling a spill of this material. See Section VIII and Section V for actions to follow.
- RECOMMENDED DISPOSAL:** Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Landfill or incinerate remaining solids in accordance with local, state and federal regulations.

## SECTION VIII-SAFE HANDLING AND USE INFORMATION

- RESPIRATORY PROTECTION:** 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.
- PROTECTIVE GLOVES:** Use neoprene gloves for skin protection.
- EYE PROTECTION:** Use chemical safety glasses, goggles, and face shields for eye protection.
- HYGIENIC PRACTICES:** Eye washes and safety showers in the workplace are recommended.

## SECTION IX-SPECIAL PRECAUTIONS

- RECOMMENDED STORAGE:** Keep from freezing; material may coagulate. The minimum recommended storage temperature for this material is 1C/34F. The maximum recommended storage temperature for this material is 60C/140F.
- OTHER PRECAUTIONS:** Keep away from children.

**Abbreviations:** N/D - Not Determined N/A - Not Applicable TLV-Threshold Limit Value PEL-Permissible Exposure Limit

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