

MATERIAL SAFETY DATA SHEET

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SECTION I-PRODUCT IDENTIFICATION

PRODUCT NAME: MATRIX BONDING ADDITIVE

SECTION II-COMPOSITION/ INGREDIENTS

INGREDIENT	CAS #	OSHA PEL	VAP/PRESS	% IN PROD.
ACRYLIC POLYMER:	Not Hazardous	N/A	N/A	46-48
RESIDUAL MONOMERS:	Not Hazardous	N/A	N/A	<0.1
WATER:	7732-18-5	N/A	N/A	52-54

SECTION III-PHYSICAL DATA

BOILING RANGE:	N/A	EVAPORATION	
WT/GAL:	8.53 (1022 g/l)	RATE:	<1 Water
VOC W/ WATER:	0.00 (0 g/l)	% VOLATILE VOLUME:	52-54% Water
VOC W/OUT WATER:	0.00 (0 g/l)	% WEIGHT SOLIDS:	20.74

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION:	Slightly combustible - Class 111B
FLASH POINT:	Noncombustible
EXTINGUISHING MEDIA:	Use extinguishing media appropriate for surrounding fire.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Material can splatter above 100C/212F. Dried product can burn.
HMIS CODES:	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:

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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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