

Date Prepared: 03/09/07
Supersedes: 01/31/03
Product Name: Polyweld

ChemMasters

Material Safety Data Sheet

1. Chemical Product and Company Information

Product Name: Polyweld

Product Description: Polyweld is an Ethylene/Vinyl Acetate Emulsion modified for use as a binding agent for concrete and plaster.

ChemMasters
300 Edwards Street
Madison, Ohio 44057
440-428-2105

In Case of Emergency Contact:
CHEMTREC 800/424-9300

2. Hazards Identification

CAUTION

May cause eye irritation

WHMIS Classification: Class D, Division 2B (Toxic)

Symbol: Stylized T

Potential Health Hazards - Acute

Eye: Direct contact may cause irritation.

Skin: Prolonged or repeated exposure may cause slight irritation.

Inhalation: Exposure to mist may cause upper respiratory tract irritation.

Ingestion: Unlikely in hazardous amounts.

Potential Health Effects - Chronic:

None

Carcinogenicity:

NTP
NO

IARC Monographs
NO

OSHA Regulated
NO

3. Composition / Information on Ingredients

Components	CAS #	Exposure Limits			OTHER	% by Wt
		OSHA (PEL/TWA)	ACGIH (TLV/TWA)			
Ethylene/Vinyl Acetate Copolymer	NA	NE	NE	---	52-54	
Water	7732-18-5	NE	NE	---	44-47	

May contain trace amounts of:
Formaldehyde 50-00-0

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4. First Aid Measures

Eye: Immediately flush with plenty of water for 15 minutes.

Skin: Wash with soap and water.

Inhalation: Move victim to fresh air

Ingestion: If swallowed, give victim plenty of water. Consult a physician.

SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.

5. Fire Fighting Measures

Flash Point (method used): Not applicable

Flammable Limits (% volume in air): Lower = Not applicable Upper =Not applicable

Auto Ignition Temperature: Not applicable

Extinguishing Media: Media appropriate for surrounding fire.

Hazard Combustion Products: Carbon dioxide and/or carbon monoxide

Fire Fighting Instructions: Wear positive pressure, self-contained breathing apparatus.

6. Accidental Release Measures

Spill: Contain spilled material by diking. Absorb with inert material, then place in chemical waste container for later disposal. Keep spills out of municipal sewers and open bodies of water.

7. Handling and Storage

Handling: Always use good industrial hygiene practices and safety guidelines.

Storage: Store material in its original container. Keep containers tightly closed when not in use. Protect from freezing.

8. Exposure Controls / Personal Protection

Exposure Controls: None required

Personal Protection: Safety glasses and rubber gloves should be worn to minimize contact with this material.

A source of clean water should be available in work area for flushing eyes and skin.

9. Physical and Chemical Properties

Appearance: Milky white liquid of high viscosity

Odor: Sweet odor

Boiling Point: 212°F

Melting Point: Not applicable

Vapor Pressure (mm/Hg): 17 @20°C

Vapor Density (Air = 1): <1.0

Solubility in Water: 100%

Specific Gravity (H₂O = 1): 1.1

Evaporation Rate (n-Butyl Acetate = 1): No data available

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10. Stability and Reactivity

Chemical Stability: Stable under normal conditions
Conditions to Avoid: Keep from Freezing and temperatures above 340°F
Incompatibility (materials to avoid): Mineral acids and alkalis
Hazardous Decomposition or By-products: May yield acrylic monomers
Hazardous Polymerization: Will not occur

11. Toxicological Information

Components	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 (rat)
No Data	—	—	—

12. Ecological Information

No data available.

13. Disposal Considerations

Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for disposal.

This material does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however has not been evaluated by the Toxicity Characteristic Leaching procedure (TCLP).

14. Transportation Information

For U S National Shipments:

Shipping Description: Non-Regulated Material

Emergency Response Guide Number: Not applicable

Hazard Class: Not applicable

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15. Regulatory Information

State Laws: California Proposition 65 - Warning: This product contains a chemical known to the state of California to cause cancer: Formaldehyde (50-00-0) < 0.1%

OSHA: This material is non-hazardous under the OSHA Hazard Communication Standard.

CERCLA Reportable Quantity: Not applicable

SARA Title III:

Section 311/312 hazard categories: Not applicable

Section 313 reportable ingredients:

Components	CAS #	Maximum %
Not applicable	—	—

Contains no substances at or above the reporting threshold under Section 313.

16. Other Information

MSDS Status: Revised 3/9/07

Industrial Abbreviation Legend on page 4 of this MSDS.

Industrial Abbreviation Legend

ACGIH	American Conference of Governmental Industrial Hygienists	mg/m ³	milligrams per cubic meter
CAA	Clean Air Act (EPA)	NIOSH	National Institute for Occupational Safety and Health
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act of 1980 (Superfund) (EPA)	NTP	National Toxicology Program
CNS	Central Nervous System	OSHA	Occupational Safety and Health Administration
CWA	Clean Water Act (EPA)	PEL	Permissible Exposure Limit
DOT	Department of Transportation	ppm	parts per million
EPA	Environmental Protection Agency	RCRA	Resource Conservation and Recovery Act (EPA)
g/kg	grams per kilogram	SARA	EPA's Superfund Amendment and Reauthorization Act (EPA)
IARC	Internal Agency for Research on Cancer	STEL	Short-Term Exposure Limit, ACGIH terminology
LC50	Lethal Concentration in which 50% of the test animals are expected to die	TLV	Threshold Limit Value
LD50	Lethal Dose in which 50% of the test animals are expected to die	TWA	Time-Weighted Average

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