

M A T E R I A L S A F E T Y D A T A S H E E T

Office Phone: 773-722-4583
-Hour Emergency Phone: 800-424-9300 (Chemtrec)
Trade Name: POLYMER HARDNER
CAS Number: 75-7441
Chemical Family: Emulsion
Product Number: 75-7441

FOR CHEMICAL EMERGENCY
Spill, Leak, Fire, Exposure or Accident
CALL INFOTRAC - Day or Night
800-535-5053
OUTSIDE THE UNITED STATES CALL COLLECT 1-352-323-3500

Date of Issue: 01/01/98

HAZARDOUS INGREDIENTS	C. A. S. NUMBER	PERCENT	EXPOSURE LIMITS	CODE
ethyl acetate monomer	108-05-4		10.000 ppm	1
			10.000 ppm	2

PHYSICAL DATA

Boiling Point: 212° F. VISCOSITY: 0 - 100 CPS
Vapor Pressure: 20mm @ 20° C. pH: 4.0 - 5.0
Relative Density (AIR=1): 1 EVAPORATION RATE: 1 (Water = 1)
Appearance and Odor: Dark liquid, mild odor PERCENT VOLATILE: 95%
Solubility in Water: Dispersible SPECIFIC GRAVITY: 1.01
Flash Point: 0.0 LBS./GAL.
Hazard Codes: Health: 1 Flammability: 0 Equipment: B Reactivity: 0

FIRE AND EXPLOSION DATA

Flash Point: None
Hazard Category: 0

EXTINGUISHING MEDIA:

See section four, Conditions to Avoid and Hazardous Decomposition Products.
Overheated, closed containers adjacent to fire could explode due to pressure buildup.

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters and others should be equipped with self-contained breathing apparatus when fighting fires or when exposed to vapors involving this material.

USUAL FIRE AND EXPLOSION HAZARDS:

Overheated, closed containers adjacent to fire could explode due to pressure buildup.

REACTIVITY DATA

Stability: Stable. *KEEP FROM FREEZING*

REACTIVITY DATA...Continued

COMPATIBILITY (Materials to avoid):

Product may react with water sensitive materials such as strong acids or strong alkali materials.

HAZARDOUS POLYMERIZATION:

Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

May produce hazardous fumes when heated to decomposition. Fumes may contain carbon dioxide, carbon monoxide, nitrogen oxides and smoke particles.

ENVIRONMENTAL INFORMATION

FIRE RESPONSE:

Observe all precautions in all sections. Water may be used to neutralize product. Wipe up with inert material and place in metal container.

RECOMMENDED DISPOSAL:

Commercial incineration with destruction and removal efficiency greater than 99.99% is preferred. Otherwise, dispose of in accordance with local, state and current federal EPA regulations.

ENVIRONMENTAL DATA:

ND

SUGGESTED FIRST AID

EYE CONTACT:

Flush eyes with plenty of water for at least 15 minutes and call a physician.

SKIN CONTACT:

Wash thoroughly with soap and water.

INHALATION:

Provide fresh air. If breathing is difficult, call a physician.

IF SWALLOWED:

Call a physician.

PRECAUTIONARY INFORMATION

Do not breathe vapor. Use only in areas well ventilated with enough air movement to remove vapors and prevent vapor buildup. Prevent contact with eyes and skin. Keep out of the reach of children.

NOTE: Use personal protection equipment when handling this product, i.e. impervious gloves and safety glasses. Mechanical ventilation is suitable except for confined areas. In such cases, local exhaust should be used. Wear a self-contained breathing apparatus if ventilation is not adequate. Protect from freezing.

HEALTH HAZARD DATA

CONTACT:

Product may be irritating to eyes.

CONTACT:

Product may cause skin irritation or rash upon prolonged contact.

INHALATION:

Inhalation hazard is believed to be negligible. However, excessive exposure to vapors or spray mists may cause irritation to eyes, nose and throat.

INGESTION:

May disturb digestive tract.

OTHER HEALTH DATA:

This product is an emulsion of polymer particles and adhesive additives resulting in a stable water dispersion. The base emulsion may contain formaldehyde at concentrations up to 0.1% and residual unpolymerized monomer at less than 0.5% of total product. No heavy metal or heavy metal compounds are utilized in the manufacture of this product. However, due to modern analytical techniques, traces of some heavy metal compounds may be detected.

Vinyl Acetate has been classified as an experimental carcinogen. Moderately toxic by ingestion and inhalation.

ABBREVIATIONS:

CGIH Threshold Limit Values	NA - Not Applicable	C - Centigrade
Federal OSHA Permissible Exposure Limit	ND - Not Determined	D - Degrees
Chemical Manufacturer Recommended Guidelines	P.S.I. - Pounds per Square Inch	F - Fahrenheit
None Established	mg/m ² - Milligrams per square meter	H - Hours
Acceptable Ceiling Concentration	ppm - Parts Per Million	Min. - Minutes
Maximum Acceptable Ceiling Concentration	V.O.C. - Volatile Organic Compound	
DUR. - Maximum Duration	WA - Weighted Average per 8 hour shift	

Information on this data sheet represents our current data and best opinion as to the proper use and handling of this product under normal conditions. Any use of the product which is not in accordance with this data sheet or which involves the use of the product in combination with any other product or any other process is the responsibility of the user.