



MATERIAL SAFETY DATA SHEET

Polyurethane 500 Part A

SECTION I

Product Identification and General Information

Product Name: Polyurethane 500 Part A
Product Class: Polyester/Acrylic Resin Dispersion
HMIS Codes: H F R P
1 0 0 G

Date Prepared: 4/21/99
24 Hour Emergency Assistance: Chemtrec
1-800-424-9300

SECTION II

Hazardous Ingredients

None

CAS#

OSHA PEL

ACGIH TLV

SECTION III

Physical Data

Boiling Point: 212° F
Vapor Pressure: 29.33mm Hg @ 68° F
Vapor Density: .569
Specific Gravity: 1.0
Percent Volatiles: 75%

Solubility in Water: Dispersible
Evaporation Rate: .38
Appearance: Light straw-colored liquid
Odor: Slight ammonia odor

SECTION IV

Fire and Explosion Hazard Data

Flash Point: Greater than 250° F (SETA Flash c.o.)

Flammable Limits:

LEL: 16

UEL: 25

Extinguishing media: Dry chemical, carbon dioxide, foam, water.

Hazardous Combustion Products: CO₂, CO and other aliphatic fragments.

Special Fire Fighting Procedures: Fire-fighter should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Fire and Explosion Hazards: Product will not burn but may spatter if temperature exceeds boiling points of water.

Dried solids can burn giving off hazardous decomposition products. After water evaporates, remaining material will burn.

Fire and Explosion Hazards: Toxic gases may be generated by thermal decomposition.

SECTION V

Reactivity Data

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility: None known

MAINTEX, Inc.

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SECTION VI**Health Hazard Data**

Primary Route of Entry: Skin or eye contact, inhalation.

Eye Contact: Can cause moderate irritation.

Skin Contact: Can cause moderate irritation.

Inhalation: Can cause irritation to nasal passages; throat plus lungs.

Ingestion: Can cause gastrointestinal irritation.

Chronic Overexposure: Can cause damage to the respiratory system, lungs, eyes, skin and central nervous system.

SECTION VII**First Aid**

Eyes: Flush with clean water for at least 15 minutes.

Skin: Remove contaminated clothing. Wash affected areas with soap and water.

Ingestion: Consult physician.

Inhalation: Move to fresh air.

SECTION VIII**Special Protection Information**

Respiratory Protection: NIOSH approved organic vapor respirator should be used where ventilation is inadequate.

Ventilation: General dilution ventilation that maintains vapor levels below the appropriate exposure limit is recommended.

Eye Protection: Safety glasses or goggles are recommended.

Skin Protection: Impermeable gloves are recommended.

SECTION IX**Spill or Leak Procedures**

Steps to be taken if material is released or spilled: Cover spill with absorbent material, collect for disposal. Wash spill area with hot water.

Waste Disposal Method: Dispose of in compliance with all local, state and federal government regulations.

SECTION X**Shipping Data**

D.O.T. Shipping Name: Epoxy Paint

Technical Shipping Name: Polyol Solution

D.O.T. Hazard Class: Not Regulated

UN/NA Number: None

Reportable Quantity: None

D.O.T. Labels Required: None

Freight Class: 55