

**ARIZONA POLYMER FLOORING, INC.**

7731 North 68th Avenue • Glendale, Arizona 85303 • (623) 435-2277 • (800) 582-4921 • Fax: (623) 435-8585

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 P R P
1 0 0 0

Date Prepared: 4/21/99

24 Hour Emergency Assistance: Chemtrec
1-800-424-9300

SECTION II**Hazardous Ingredients**

None

CAS#OSHA PELACGIH TLV**SECTION III****Physical Data**

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

Solubility in Water: Dispensable

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 (SRTA Flash o.c.)

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

SECTION VI**Health Hazard Data**

Primary Route of Entry: Inhalation, skin contact, eye contact

Eye Contact: May cause tearing, reddening and swelling accompanied by a stinging sensation.

Skin Contact: May cause irritation, reddening, swelling, rash, scaling or blistering.

Inhalation: Vapors or mist above the TLV can irritate the mucous membranes in the respiratory tract causing runny nose, sore throat, coughing, chest discomfort and reduced lung function. Persons with a pre-existing non-specific bronchial hyperactivity can respond to concentrations below the TLV with similar symptoms or an asthma attack. Exposure well above the TLV may lead to bronchitis, bronchial spasm and pulmonary edema.

Ingestion: No adverse effects found.

Chronic Overexposure: Can lead to sensitization (chemical asthma). Symptoms would include chest tightness, wheezing, cough, shortness of breath or asthmatic attack which could be immediate or delayed up to several hours after exposure. Chronic overexposure has been reported to cause lung damage which may be permanent.

SECTION VII**First Aid**

Eyes: Flush with clean water for at least 15 minutes while lifting eyelids. Call physician immediately.

Skin: Remove contaminated clothing immediately. Wash affected areas thoroughly with soap (green tincture soap is recommended) and water. For severe exposures, get under safety shower after removing clothing. Get medical attention.

Ingestion: Do not induce vomiting. Give 1 or 2 cups of milk or water to drink. Consult physician.

Inhalation: Move to fresh air. Administer oxygen or artificial respiration as needed. Obtain medical attention.

SECTION VIII**Special Protection Information**

Respiratory Protection: A respirator that is approved for use in isocyanate containing environments (air purifying or fresh air supplied) is necessary for spray applications or other situations such as high temperature use which may produce volatilization.

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: Wear protective equipment to prevent exposure. Collect spill with absorbent material. Flush area with a 5% TSP/water solution.

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

SECTION X**Shipping Data**

D.O.T. Shipping Name: Epoxy Paint

Technical Shipping Name: Aliphatic Polyisocyanate

D.O.T. Hazard Class: Not Regulated

UN/NA Number: N/A

Reportable Quantity: None

D.O.T. Labels Required: None

Freight Class: 33