

APF ARIZONA POLYMER FLOORING, INC.

7731 North 68th Avenue • Glendale, Arizona 85303 • (623) 435-2277 • (800) 682-4921 • Fax: (623) 435-8585

MATERIAL SAFETY DATA SHEET

Polyurethane 500 Part B

SECTION I

Product Identification and General Information

Product Name: Polyurethane 500 Part B

Product Class: Aliphatic Polyisocyanate

HMIS Codes: H F R P

2 1 1 G

Date Prepared: 4/21/99

24 Hour Emergency Assistance: Chemtrec

1-800-424-9300

SECTION II

Hazardous Ingredients

Aliphatic Polyisocyanate

Hexamethylene Isocyanate

HDI Based Polyisocyanate

<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Proprietary (*)	N/E	N/E
822-060	N/E	.005 ppm
Proprietary (*)	N/E	N/E

(*) Listed in TSCA Inventory

SECTION III

Physical Data

Boiling Point: N/E

Vapor Pressure: N/E

Vapor Density: N/E

Specific Gravity: N/E

Percent Volatiles: None

Solubility in Water: Soluble

Evaporation Rate: N/E

Appearance: Clear/Pale Yellow

Odor: Slight

SECTION IV

Fire and Explosion Hazard Data

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

Flammable Limits:

LEL: N/E

UEL: N/E

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: During fire, HDI vapors and other highly toxic gases may be generated.

Closed containers may explode when exposed to extreme heat or when contaminated with water.

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

Hazardous Combustion Products: Carbon dioxide, carbon monoxide, oxides of nitrogen traces of HDI and HCN.

Fire and Explosion Hazards: During fire, HDI vapors and other highly toxic gases may be generated.

Closed containers may expand when exposed to extreme heat or when contaminated with water.

SECTION V

Reactivity Data

Stability: Stable

Hazardous Polymerization: May occur; contact with moisture or other materials which react with isocyanates or temperatures over 400°F may cause polymerization.

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