

MATERIAL SAFETY DATA SHEET

PRODUCT NAME

IMTECH PERMA FIX PART "B"

SECTION I – SUPPLIER AND MATERIAL IDENTIFICATION

Supplier's Name:

IMTECH
18620 NE San Rafael
Portland, OR 97230
Phone: 503-618-1066
Fax: 503-618-8445
Emergency Phone Number Only: 800-255-3924

Product Class:

Polyurethane Curative

Chemical Family:

Polyol Resin Mixture

Trade Name:

PermaFix Part "B"

Cas No.:

Mixture

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT NAME

CAS NUMBER

PERCENTAGE

Diethyltoluenediamine (DETA)

68479-98-1

<20%

SECTION III: PHYSICAL DATA

Appearance:

Opaque Amber Liquid

Specific Gravity:

1.10

% Volatility:

None

Vapor Pressure:

None

Viscosity:

500 – 700 cps

Boiling Point:

340°C

Odor:

Slightly amine type smell

SECTION IV: FIRE AND EXPLOSION DATA

Flash Point:

250°C (PMCC)

Auto Ignition Temperature:

No Data

Flammable Limits in Air:

No Data

Fire Fighting Procedure:

Fire fighters should wear self-contained breathing apparatus and full protective clothing.

Extinguishing Media:

FFFF Foam, Carbon Dioxide, Dry Chemical, and Water

Explosion Data:

Sensitive to mechanical impact: NO DATA.

Sensitive to static discharge: NO DATA.

None Known

Unusual Hazards:

SECTION V: REACTIVITY DATA

Stability:

Stable at ambient temperatures and pressure.

Hazardous Polymerization:

Will not occur.

Incompatibility:

Water.

Hazardous Decomposition Products:

May produce oxides of carbon and nitrogen.

Conditions to Avoid:

Elevated temperatures, pressures, sparks and open flames.

SECTION VI: HEALTH RELATED DATA

Exposure Limits:

Not Established

Effects of overexposure:

Eye:

Expected to be an eye irritant.

Skin:

Can be absorbed through the skin.

Inhalation:

No effect at recommended processing temperature.

Ingestion:

Can be slightly toxic by ingestion

Animal Data:

LD50 (oral, rat)=1500 mg/kg., LD50 (dermal, rabbit)=1800 mg/kg. LC50 (inhalation, mouse)=No Data.

Carcinogenicity:

This product is not classified as carcinogenic by

Mutagenicity:

ACGIH and IARC.

This product does not have mutagenic/reproductive/teratogenic and fetotoxic effects.

FIRST AID

Eyes:

Immediately flush with water for at least 20 minutes. Hold eyelids open during flushing. Get prompt medical attention.

Skin:

Immediately flush skin with plenty of water for 20 minutes. Get medical attention.

Inhalation:

Remove to fresh air. Aid or restore breathing if necessary. Get medical attention.

Ingestion:

Immediately induce vomiting. If victim is alert rinse mouth and give plenty of water or milk to dilute material. Get medical attention immediately.

SECTION VII: SAFE HANDLING, SPILL AND LEAK PROCEDURES

Storage and Handling:

Store in a cool, well ventilated area. Keep away from heat, sparks and flames. Use personal protective equipment.

Spills:

Cover spills with inert absorbent material. Wear full protective equipment and then ventilate the area.

Waste disposal:

In accordance to local, state and federal regulations. Consult regional environmental agency.

SECTION VIII: CONTROL MEASURES

Respiratory Protection:

Minimum: nose and mouth respirator with paint fume cartridges.

Protective Gloves:

Impervious rubber gloves.

Eye Protection:

Chemical safety goggles. Contact lenses should not be worn when handling any chemical.

Ventilation:

General area ventilation is recommended.

Clothing:

Wear an impermeable apron and boots to cover exposed skin.

SECTION IX: REGULATORY INFORMATION

HMIS:

Class D-1B, Class D-2B

TDG:

Not regulated

P.I.N.:

None

OTHER INFORMATION

PREPARED BY:

RAM Enterprise, Inc.
18620 NE San Rafael
Portland, OR 97230
503-618-1066

TELEPHONE NUMBER:

DISCLAIMER:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.