



MATERIAL SAFETY DATA SHEET

PRODUCT NAME

IMTECH PERMA FIX PART "B"

SECTION I – SUPPLIER AND MATERIAL IDENTIFICATION

Supplier's Name: IMTECH Rubber Products, Inc.
 1355 West Main Street
 Elko, NV 89801
 Phone: 800-738-0308
 Fax: 877-638-0308
800-255-3924

Emergency Phone No.

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: AFFF Foam, Carbon Dioxide, Dry Chemical, and Water
 Explosion Data: Sensitive to mechanical impact: NO DATA.
 Sensitive to static discharge: NO DATA.
 Unusual Hazards: None Known

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,



Carcinogenicity:

rabbit)=1800 mg/kg. LC50 (inhalation, mouse)=No Data.

Mutagenicity:

This product is not classified as carcinogenic by 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 with 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:

IMTECH Rubber Products, Inc.
1355 West Main Street
Elko, NV 89801
800-738-0308

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.