



Material Safety Data Sheet
Product: Stop It[®] Pipe Repair Tape
Product Code: IPI786748

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Stop It[®] Pipe Repair Tape
Product Use Description: Pipe Leak Repair and Rehabilitation

Company: InduMar Products Inc.
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Houston, Texas 77098

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Emergency/Hazmat Phone: CHEMTREC: 1-800-262-8200

2. HARZARDS IDENTIFICATION

EMERGENCY OVERVIEWS

Color: White/Yellowish, also Black (uncured product)
Physical State: Tacky Resin on a Fiberglass Substrate
Odor: Very Slight
Hazards of Product: No unusual fire or explosive hazards

OSHA Hazard Communication Standard

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

POTENTIAL HEALTH EFFECTS

RESIN SYSTEM: Irritating to eyes, skin and respiratory system.

EYE CONTACT: May cause very slight, temporary corneal damage.

SKIN CONTACT: May stick to skin and cause irritation on removal. May cause allergic reaction in susceptible individuals.

SKIN ABSORPTION: Not applicable

INGESTION: Small amounts swallowed incidental to normal handling are not likely to cause injury.

INHALATION: At room temperature vapors are minimal. May cause sensation by inhalation. Very low concentrations may cause asthmatic signs and symptoms in hypersensitive people.

TERATOLOGY (BIRTH DEFECT) INFORMATION: Not applicable

REPRODUCTION INFORMATION: Not applicable

3. COMPOSITION INFORMATION

Ingredients	CAS No.	Percent	Exposure Limits
Fiber Glass	65997-17-3	48 - 52	
4,4' - Diphenylmethane diisocyanate.	101-68-8	34 - 38	8 hour time weighted average (TWA) 0.005
Amine catalyst	6425-39-4	1-5	
Methanesulfonic acid	75-75-2	<1	
Ingredients not precisely identified (including Polyethylene glycols) are proprietary and non-hazardous.		<12	

4. FIRST AID MEASURES

EYES: Flush eyes immediately and thoroughly with flowing water for 15 minutes. If effects occur, consult a physician, preferably an ophthalmologist.

SKIN CONTACT: Remove from skin with alcohol based hand sanitizer. Wash skin with plenty of soap and water.

INGESTION: If swallowed seek medical attention. Drink plenty of water. Do not induce vomiting. Seek medical attention. Keep out of reach of children.

INHALATION: Provide fresh air. Give oxygen in the event breathing becomes difficult. Seek medical attention

NOTE TO PHYSICIAN: Consider additional thorough skin wash with mild, nonabrasive soap and plenty of warm water for at least fifteen minutes.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: CO2, DRY CHEMICAL OR FOAM

FIRE FIGHTING PROCEDURES: Respiratory equipment should be worn to avoid inhalation of concentrated vapors. Fire Fighters and others who may be exposed to the products of combustion should be equipped with NIOSH approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SPILLS: Dispose of in normal manner in accordance to all applicable state, federal, and local laws. Not a hazardous waste.

7. HANDLING AND STORAGE

GENERAL HANDLING: Avoid contact with skin or clothing.

STORAGE: Shelf Life: 2 years from date of purchase.
Temperature: Optimum 40 – 80° F/4-20° C
Storage: Store in cool, dry, well –ventilated area.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE LIMITS

LIMIT VALUES FOR WORKPLACE AIR: The UK Health and Safety Executive has established a maximum exposure limit, expressed as isocyanate, of 0.02mg/m³ 8 hour TWA, 0.07mg/m³ 15 min STEIL. National guidelines on emission limits for volatile substances must be observed for the discharge of exhaust air containing vapors of this product.

PERSONAL PROTECTION

EYE PROTECTION: Avoid contact; Protective glasses are always recommended.

SKIN PROTECTION: Rubber or plastic gloves should be worn to protect skin.

RESPIRATORY PROTECTION: Not needed in normal application. In case of needed air supply mask or respirator with canister for organic vapors (type cc).

INGESTION: Keep mouth closed.

ENGINEERING CONTROLS: Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Tacky Resin on a Fiberglass Substrate

COLOR: White/Yellowish, also Black (Uncured product)

ODOR: Very slight

VAPOR PRESSURE: Resin: 0.0002mm Hg@24°C

BOILING POINT: Resin decomposed > 200°C

SPECIFIC GRAVITY: Resin: 1.133

FREEZING POINT: Not applicable

MELTING POINT: Resin only: <15°C

SOLUBILITY IN WATER: Insoluble in water, reacts, evolution of CO₂

pH: Unknown

10. STABILITY AND REACTIVITY

STABILITY/INSTABILITY: Stable under recommended storage conditions. See Storage, Section 7.

HAZARDOUS DECOMPOSITION PRODUCTS: Moisture contamination may form CO₂ gas pressure.

HAZARDOUS POLYMERIZATION: Will not occur by itself.

THERMAL DECOMPOSITON: Carbon dioxide, aldehydes, acids, oxides of sulfur and nitrogen.

11. TOXICOLOGICAL INFORMATON

ACUTE TOXICITY

EYE: Not applicable

INGESTION: Not applicable

SKIN ABSORPTION: Not applicable

INHALATION: Not applicable

SUBCHRONIC: Not applicable

CHRONIC/CARCINOGENICITY: Not applicable

TERATOLOGY: Not applicable

REPRODUCTION: Not applicable

MUTAGENICITY: Not applicable

CHRONIC (CANCER) INFORMATION: Industrial experience in humans has not shown any links between MDI based products exposure and cancer.

12. ECOLOGICAL INFORMATION

BIOACCUMULATION AND MOBILITY: Limited environmental affect and in an aqueous medium resins are activated and cure to a chemically inert polyurea.

ECOTOXICOLOGY: Based largely or completely on information for similar material (s). Material is not expected to be classified as dangerous to aquatic organisms on an acute basis (LC50/EC50/IC50 greater than 100mg/L in most the most sensitive species tested).

CHEMICAL FATE INFORMATION: Not applicable

13. DISPOSAL CONSIDERATIONS

DISPOSAL: Incineration under approved, controlled conditions using incinerators suitable or designed for the disposal of hazardous chemical wastes, is the preferred method of disposal. Buried landfill waste disposal should be in accordance with local and national regulations.

14. TRANSPORT INFORMATION

D.O.T. Non-Bulk: Not Regulated

D.O.T. Bulk: Not Regulated

IMDG: Not Regulated

ICAO/IATA: Not Regulated

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312.

Immediate *Acute) Health Hazard: No
Delayed (Chronic) Health Hazard: No
Fire Hazard: No
Reactive Hazard: No
Sudden Release of Pressure Hazard: No

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313: To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List: This product does contain chemicals at levels which require reporting under this statute.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): This product contains no listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

US. TOXIC SUBSTANCES CONTROL ACT

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

European Inventory of Existing Commercial Chemical Substances (EINECS)

The components of this product are on the EINECS inventory or are exempt from inventory requirements.

CEPA – Domestic Substances List (DSL)

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

16. OTHER INFORMATION

HAZARD RATING SYSTEM

<u>NFPA</u>	<u>Health</u>	<u>Physical Data</u>	<u>PPE</u>
	1	0	0

Recommended Uses and Restrictions

Used in application such as: Pipe leak repair and then wall remediation. Adhesives. Civil engineering. Coil coatings. Marine and protective coatings. Potting and encapsulation.

Legend

N/A:	Not Available
W/M:	Weight or Measurement
OEL:	Occupational Exposure Limit
STEL:	Short Term Exposure Limit
TWA:	Time Weighted Average
ACGIH:	American Conference of Governmental Industrial Hygienists, Inc.
DOW IHG:	Dow Industrial Hygiene Guideline
WEEL:	Workplace Environmental Exposure Level
HAZ_DES:	Hazard Designation
Action Level:	A value set by OSHA that is lower than the PEL which will trigger the need for activities such as exposure monitoring and medical surveillance if exceeded.

InduMar Products, Inc. urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained and (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.