



INDUSTRIES 3R

MATERIAL SAFETY DATA SHEET

IDENTITY

Part Number: **STOP IT**
 Identity: Pipe repair tape
 Description: Pipe leak repair and rehabilitation

SUPPLIER

Industries 3R inc.
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<u>INGREDIENTS AND HAZARDS</u>	<u># CAS</u>	<u>%</u>	<u>EXPOSURE LIMITS</u>
Fiber Glass	65997-17-3	48-52	
4.4' – Diphenylmethane Diisocyanate	101-68-8	34-3	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	

PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Tacky resin on a fiberglass substrate
 Color: White/yellowish, also black (uncured product)
 Odor: Very slight
 Vapor pressure: Rsin : 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: Unknow

Hazard of product: no unusual fire or explosion hazards.

OSHA Hazard Communication Standard

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

HEALTH HAZARD INFORMATION

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

FIRE AND EXPLOSION DATA

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.

ACCIDENTAL RELEASE MEASURES

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

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

DISPOSAL CONSIDERATIONS

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.

EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

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.

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

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.

TOXICOLOGICAL INFORMATION

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

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

ADDITIONAL INFORMATION

The information, details, dimensions and values indicated are to our best knowledge. We recommend testing according to local conditions. The specifications are subject to change without notice.