

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING


Product Name: Eli-Wrap Pipe Repair Bandages
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2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

GHS classification	1
. Health	1
. Fire	0
. Reactivity	

2.2. Label Elements

Symbols	
Signal Word	Warning
Hazard-Risk Statement	H312 Harmful in contact with skin H315 Cause skin irritation H317 May cause an allergic skin reaction
Precautionary Statement	P201 Obtain special instruction before use P202 Do not handle until all precautions have been read and understood. P262 Do not get in eyes, on skin, or on clothing. P301+P310 IF SWALLOWED : immediately call a POISON CENTER or doctor/physician P302+P350 IF ON SKIN : Gently wash with plenty of soap and water P305+P351+P338 IF IN EYES : Rinse cautiously with water for several minute. Remove contact lenses, if present and eyes to do. Continue rinsing. P332+P313 If skin irritation or rash occur : Get medical advice/attention. P337+P313 If eye irritation persists : Get medical advice/attention. P402 Store in a dry place. P403 Store in a well-ventilated place. P501 Dispose of contents/container to in accordance with local/national regulation
Contains	

2.3. Other Hazards

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	Conc. (%w/w)
Fibreglass Fabric		65997-17-3	55%
Polymer of diphenyl methane 4,4-diisocyanate & polyether polyol		9009-54-5	45%

The Full Text for all R-Phrases are Displayed in Section 16

4. FIRST AID MEASURES

4.1. Description of first aid measures.

Inhalation	Perform artificial respiration if necessary. Keep person warm and at rest. Treat symptomatically and supportively
Eye contact	Wash eyes immediately with large amounts of water or normal saline, until no evidence of chemical remains. (at least 15~20 minutes) get medical attention immediately
Skin contact	Remove contaminated clothing and shoes immediately. If skin is intact gently remove excess polymer, and immediately flush with undiluted isopropyl alcohol, then with large amount of water. If the skin is irritated, use diluted isopropyl alcohol.

Ingestion	If vomiting occurs, keep head lower than hips to help Prevent aspiration. Treat symptomatically and supportively. Get medical attention if needed.
Note to doctor	No specific antidote. Treat symptomatically and supportively.
5. FIRE-FIGHTING MEASURES	
5.1 Extinguishing media	Dry chemical, carbon dioxide, water spray or regular foam for Larger fires, use water spray, fog or regular foam.
5.2 Special hazards arising from the substance or mixture	Use agents suitable for type of surrounding fire. Avoid breathing hazardous vapors, keep upwind.
Hazardous combustion products	Thermal decomposition products may include highly toxic fumes of hydrogen cyanide, toxic oxide of carbon and nitrogen, and Hazardous isocyanates.
6. ACCIDENTAL RELEASE MEASURES	
6.1. Personal precautions, protective equipment and emergency procedures	Keep unnecessary people away: Isolate hazard area and restrict entry.
6.2. Environmental precautions	Take up with sand or other absorbent material and place into containers for later disposal
6.3. Methods and material for containment and cleaning up	A decontamination solution is a mixture containing 20parts, isopropyl alcohol, 40parts concentrated ammonia, 2-5parts household type detergent plus water to make 100 parts. Soil spill: use cement powder or fly ash to absorb liquid mass
7. HANDLING AND STORAGE	
7.1. Precautions for safe handling	Observe all federal, state and local regulations when Storing this substance. Store away from incompatible substances.
7.2. Conditions for safe storage, including any incompatibilities	Keep container closed when not use and store In cool dry area.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION	
8.2 Exposure Controls	
8.2.1. Appropriate engineering controls	No information is available
8.2.2. Individual protection measures	
Eye / face protection	Safety goggles
Hand protection	Appropriate protective gloves.
Body protection	Appropriate protective (impervious) clothing and equipment.
Respiratory protection	Self-contained breathing apparatus. Air purifying, full facepiece respirator. (gas mask) Supplied-air respirator.
Hygiene Measures	Provide local exhaust or general dilution ventilation to meet published exposure limits.
9. PHYSICAL AND CHEMICAL PROPERTIES	
9.1. Information on basic physical and chemical properties..	
Appearance	White bandage impregnated with translucent liquid resin
Odor	None
PH	No data available
Water solubility	Reactive
Boiling point	Over 110C
Melting point	No data available
Explosion	No data available
Oxidative	No data available
Vapor pressure	No data available
Specific gravity	1.12 @25C
Distribution	No data available
Vapor density	No data available
Viscosity	Resin 13000±3000(cps/30±1)
10. STABILITY AND REACTIVITY	

10.2. Chemical Stability	Stable under normal temperatures and pressures.
10.3 Possibility of hazardous reactions	Oxidizers (strong): fire and explosion hazard.
10.4. Conditions to Avoid	May smoke as it burns but does not ignite readily. Avoid contact with strong oxidizers, excessive heat, sparks, or prolonged open flame.
Hazardous Decomposition	Thermal decomposition products may include highly toxic fumes of Hydrogen, toxic oxides of carbon and nitrogen, and hazardous isocyanate..
Polymerisation	Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

11. TOXICOLOGICAL INFORMATION

11.1.4. Toxicological Information

Influence to eye	Isocyanates may cause irritation with lacrimation and possibly conjunctivitis.
Influence to skin	
Acute oral	Isocyanates may cause irritation with skin conditions ranging from itching
Acute suction	to widespread eczema. Allergic sensitization is possible, but only rarely.
Toxicity of generation	No data available
Chronic	No data available

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in oil	No data available
Other adverse effects	No data available

13. DISPOSAL CONSIDERATIONS

Waste disposal regulation	Observe all federal, state and local regulations when disposing of this substance
Waste disposal method	Destroy the product by incineration

14. TRANSPORT INFORMATION

Hazard pictograms	Not applicable
14.1. UN Number	Not applicable
14.2. Proper Shipping Name	Not applicable

14.3. Transport Hazard Class(es)

ADR/RID	Not applicable
IMDG	Not applicable
Subsidiary Risk	-
IATA	Not applicable
Subsidiary Risk	

14.4. Packing Group

Packing Group	Not applicable
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14.5. Environmental Hazards

Environmental Hazards	Not applicable
Marine Pollutant	Not applicable

ADR/RID

Hazard ID	Not applicable
Tunnel Category	Not applicable

IMDG

EmS Code	Not applicable
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IATA

Packing Instruction (Cargo)	Not applicable
Maximum quantity	Not applicable
Packing Instruction (Passenger)	Not applicable

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU legislation
 Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended 2019).

Guidance

Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

16. OTHER INFORMATION

Text of risk phrases in Section 3	
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The information contained herein is based on data available to Eli-Chem Resins Ltd and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under our direct supervision, no representation is made that the information is completely accurate, reliable, complete or representative and the Buyer may rely thereon only at the Buyer's risk. Eli-Chem Resins make no guarantee that the health and safety precautions we have suggested will be adequate for all individuals and/or situations involving its handling and use.

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