

### 1 Identification

#### GHS Product Identifier

Pipe-Wrap

#### Other means of identification

Pipe Repair Bandage

#### Recommended use of the chemical and restriction on use

For making composite industrial repairs, pipe repairs and pipe reinforcement.

#### Supplier's details

Star International

Star House, Turbine Road, Turbine Business Park,

Birkenhead, Merseyside, CH41 9BA

#### Emergency phone number

+44 (0) 1483 26 66 36

### 2 Hazard(s) identification

#### Classification of the substance or mixture

##### Contains

[[1-Methyl-1,2-ethanediyl]bis(oxy)] bispropanol polymer with 1,1'-methylenebis [isocyanatobenzene] and oxybis[propanol]

#### GHS label elements

Danger



May be harmful if swallowed and enters airways

May cause an allergic skin reaction

Harmful if inhaled

May cause allergy or asthma symptoms or breathing difficulties if inhaled

May cause respiratory irritation

Keep out of reach of children.

Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection.

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

If skin irritation or rash occurs: Get medical advice/attention.

IF experiencing respiratory symptoms: call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse.

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Dispose of contents/container to registered waste disposal site.

#### Other hazards which do not result in classification

This product does not contain any substances classified as PBT or vPvB.

### 3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Fibreglass Fabric	65997-17-3		45 -	Inhalation: H335, P261
propanol, ((1-methyl-1,2-ethanediy)bis(oxy))bis-, polymer with 1,1'-methylenebis(isocyanatobenzene) and oxybis(propanol)	68092-58-0		65	Ingestion: H305, Inhalation: H332, H334, H335, Skin: H317, P280, Skin: H317
2,2'-dimorpholinyl diethyl ether	6425-39-4	229-194-7	50	Eyes: H319
			0 - 1	

### 4 First-aid measures

#### Description of necessary first-aid measures

##### Skin contact

Wash thoroughly with soap and running water.

##### Eye contact

Wash thoroughly with soap and running water. Wash immediately with large amount of water. Remove contact lenses if easy to do. If symptoms persist, get medical attention.

##### Inhalation

Move person to fresh air. If you feel unwell, get medical attention.

##### Ingestion

Rinse out mouth. Do not induce vomiting. If you feel unwell, get medical attention.

##### Indication of immediate medical attention and notes for physician:

Notify medical personnel of contaminated situations and have them take appropriate protective measures.

### 5 Fire-fighting measures

#### Suitable extinguishing media

Dry chemical, carbon dioxide, water spray or regular foam.

#### Specific hazards arising from the chemical

##### Hazardous combustion products

Oxides of carbon and oxides of nitrogen.

#### Special protective actions for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. In case of fire and/or explosion do not breathe fumes.

### 6 Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Avoid skin and eye contact. Ventilate the area with fresh air.

#### Environmental precautions

Do not discharge into drains or rivers. Take up with sand or other absorbent material and place into containers for later Disposal.

## Methods and materials for containment and cleaning up

Collect as much material as possible.

Store in a partly filled, closed container until disposal.

Clean up residue. Dispose of in accordance with local and national regulations.

## 7 Handling and storage

### Precautions for safe handling

Use only in well-ventilated areas. Avoid skin and eye contact. Do not eat, drink or smoke while working.

### Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Store away from oxidizing agents.

## 8 Exposure controls/personal protection

### Control parameters

#### Name

[(1-Methyl-1,2-ethanediyl)bis(oxy)] bispropanol polymer with 1,1''-methylenebis [isocyanatobenzene] and oxybis[propanol]

#### Occupational exposure limits

None

#### Biological limit values

None

### Appropriate engineering controls

Under normal conditions of use eye protection is not needed.

### Individual protection measures

#### Respiratory protection

An approved respiratory protection should be worn if the product is used in a poorly ventilated area.

#### Eye protection

During cleanup or disposal of large amounts of product, use safety goggles designed to protect against splash of liquids.

#### Skin protection

Wear suitable protective clothing. Wear suitable chemical-resistant protective gloves or nitrile gloves.

#### Hand protection

It is recommended to use in general ventilated area.

## 9 Physical and chemical properties

### Physical and chemical properties

<b>PHYSICAL STATE</b>	Gel impregnated in fibreglass fabric
<b>COLOUR</b>	Off-white
<b>ODOUR</b>	Characteristic
<b>RELATIVE DENSITY</b>	1.12 @25C resin)
<b>SOLUBILITY IN WATER</b>	Reaction

## 10 Stability and reactivity

### Reactivity

This product may be reactive with water and strong bases.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

Hazardous polymerization has not been reported to occur.

### Conditions to avoid

May burn but does not ignite readily. Avoid contact with strong oxidizers, excessive heat, sparks, or open flame.

### Incompatible materials

Amines, alcohols, strong bases and oxidizing agents.

### Hazardous decomposition products

None if used in the normal field of application.

## 11 Toxicological information

### Symptoms related to the physical, chemical and toxicological characteristics

**Inhalation:** May cause respiratory irritation. Symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause allergic Respiratory Reaction. Symptoms may include difficulty breathing, wheezing, cough, and tightness of chest.

**Skin contact:** May cause mild skin irritation or allergic reaction. Symptoms may include redness, swelling, itching, and dryness.

**Eye contact:** May cause eye irritation.

**Ingestion:** Harmful if swallowed.

### Other information

#### Acute toxicity

Oral: No data available

Dermal: No data available

Inhalation: Category 4

#### Skin Irritation

Category 2

#### Eye Irritation

Category 2

#### Respiratory Sensitization

Category 1

#### Skin sensitization

Category 1

#### Specific target organ toxicity

Target organ: respiratory system

- single exposure

Inhalation, May cause respiratory irritation.

- repeated exposure

Inhalation, May Cause damage to organs through prolonged or repeated exposure.

## 12 Ecological information

### Toxicity

Not determined.

### Persistence and degradability

Not determined.

### Bioaccumulative potential

Not determined.

### Mobility in soil

Cured tape is immobile.

### Other adverse effects

Not determined.

## 13 Disposal considerations

### Disposal methods

Dispose of in accordance with local and national regulations. Do not allow to enter drains or watercourses. After use, packing bags containing uncured product should be disposed of as chemically contaminated waste by applicable waste regulations. Trace amount of waste can be discarded after pretreatment with water.

#### **14 Transport information**

Not classified as hazardous for shipping.

#### **15 Regulatory information**

##### **Safety, health and environmental regulations specific for the product in question**

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

#### **16 Other information**

##### **Other information**

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.