

MATERIAL SAFETY DATA SHEET

Page 1 of 3

Product Name: **WRAP SEAL PLUS™ FIBERGLASS REPAIR TAPE**
MSDS No: 103

Revision No: 4

Issued by: Sam
Issue Date: 08 May 2013

Section 1 – Company Details

Company Name: SealXpert™ Products

Address: 60 Kaki Bukit Place #09-11 Eunos Techpark
Singapore 415979

Tel: +65 6742 4992/6742 4998

Fax: +65 6749 6916

Email: mailbox@sealxpert.com

Section 2 – Composition

INGREDIENTS	CAS NO	%	EXPOSURE LIMITS
Fiberglass	65997-17-3	48-52	10mg/m3
4,4' - Diphenylmethane di-isocyanate	101-68-8	34-38	0.051 mg/m3
Other MDI isomers and oligomers			
Polypropylene polyol diphenyl methane	9048-57-1	6-8	N/A
di-isocyanate prepolymer			
Amine catalyst	6425-39-4	1-5	0.051 mg/m3
Methanesulfonic acid	75-75-2	<1	0.051 mg/m3

Source of exposure limit data – ACGIH Treshold Limit Values

Abbreviations: N/A – Not Applicable

Section 3 – Hazardous Identification

Safety Phrases: S1/2: Keep locked up and out of the reach of children.

S24/25: Avoid contact with skin and eyes.

S36/37/39: Wear suitable protective clothing, gloves and eye/ face protection.

S26: In case of eye contact, rinse immediately with plenty of water and seek medical advice

S28: After contact with skin, wash immediately with plenty of water

S45: In case of accident or if you feel unwell seek medical advice immediately

Section 4 – First Aid Measures

Inhalation: Provide fresh air. If breathing becomes difficult, call physician

Skin: S24: Avoid contact with skin.
Wash thoroughly with soap and water.

Eye: S25: Avoid contact with eye.
S26: In case of contact with eyes, rinse immediately with plenty of water and consult a physician.

Ingestion: S46/ S62: If swallowed, do not induce vomiting. Drink plenty of water and consult a physician immediately.

S2: Keep out of reach of children. Unlikely route of entry.

Section 5 – Fire Fighting Measures

Flash Point : 135°C/ 275°C

Flammable Limits : Not available

LEL : Not available

UEL : Not available

Extinguishing Media : CO2, dry chemicals or foam

FireFighting Procedures : Wear self-contained breathing apparatus and full protective clothing.

Unusual Fire/ Explosion Hazard : Ignition hazard is slight when exposed to heat or flames. Can react with oxidizing materials.

Section 6 – Accidental Release Measures

MATERIAL SAFETY DATA SHEET

Page 2 of 3

Product Name: **WRAP SEAL PLUS™ FIBERGLASS REPAIR TAPE**
MSDS No: 103

Revision No: 4

Issued by: Sam
Issue Date: 08 May 2013

- Personal Precautions:** Remove all possible sources of ignition in the surrounding area.
- Environmental Precautions:** Do not discharge into drains or river. Contain the spillage using dry sand or earth.
- Clean-up Methods:** To minimize soil and groundwater contamination, absorb liquid with sand earth or other recommended absorbent material. Wash the spillage with large amount of water.
- Other Information:** Observe all relevant local regulations.

Section 7 – Handling and Storage

- Handling :** Wear protective glove and safety glasses while handling uncured product. Uncured product will adhere to clothing. Maintain high standards of personal hygiene, washing hands after coming in contact with product. Avoid eye and skin contact.
- Storage :** Store in cool, dry and well-ventilated area out of direct sunlight. Store away from all heat sources. Do not store at temperature greater than 51°C/125°F; optimum storage conditions 4°C to 30°C. For best results, rotate stock.

Section 8 – Exposure Controls / Personal Protection

INGREDIENTS	CAS NO	%	EXPOSURE LIMITS
Fiberglass	65997-17-3	48-52	10mg/m3
4,4' - Diphenylmethane di-isocyanate	101-68-8	34-38	0.051 mg/m3
Other MDI isomers and oligomers			
Polypropylene polyol diphenyl methane di-isocyanate prepolymer	9048-57-1	6-8	N/A
Amine catalyst	6425-39-4	1-5	0.051 mg/m3
Methanesulfonic acid	75-75-2	<1	0.051 mg/m3

- Respiratory Type :** Avoid breathing of dust, vapours, mists or spray. Where ventilation is inadequate and dusts, vapours or mists are generated the use of a respirator with filter is recommended. Filter capacity and respirator type depends on exposure levels.
- Eye Protection** S39: eye/ face protection. Non-fogging chemical safety goggles or safety glasses with side shields.
- Glove Type :** S37: Wear suitable impervious protective gloves such as PVC or Nitrile gloves
- Clothing :** S36: Wear suitable impervious protective clothing.

Section 9 – Physical and Chemical Characteristics

- Physical Appearance:** Tacky resin on a fiberglass substrate
- Colour:** White or Yellowish
- Odor:** Very slight
- Water Solubility:** Nil
- Specific Gravity:** 1.23 at 43°C
- Melting Point:** N/A
- Boiling Point:** N/A
- Evaporation Rate:** N/A
- Vapour Pressure:** N/A
- Vapour Density (AIR=1):** N/A

Section 10 – Stability and Reactivity

- Stability:** Stable

MATERIAL SAFETY DATA SHEET

Page 3 of 3

Product Name: **WRAP SEAL PLUS™ FIBERGLASS REPAIR TAPE**
MSDS No: 103

Revision No: 4

Issued by: Sam
Issue Date: 08 May 2013

Products to Avoid: None

Hazardous Reactions: None

Hazardous Decomposition: None

Section 11 – Toxicological Information

Inhalation: Not an irritant if handled properly

Skin: There may be slight irritation when prolonged contacted with the product.

Eyes: There may be irritation in the eyes when splashed or prolonged exposure.

Section 12 – Ecological Information

Ecotoxicity: Not available

Mobility: Not determined

Persistence/ Degradability: Not determined

Bioaccumulation: Not determined

Section 13 – Disposal Considerations

Spills & Leaks : Ensure ventilation is adequate to prevent build-up of potentially harmful vapours. Wear protective clothing and equipment to minimize exposure.

Scrape up material and place into container for disposal. Decontaminate area and equipment with dilute ammonia and detergent. Mix additional adsorbent into spill and dispose.

Waste Disposal : Solid waste landfill or authorized incineration

Section 14 – Transport Information

Transportation Not classified as Dangerous Goods and can be transported by Road, Rail and Air.
The item is not restricted or not regulated as per IATA

Section 15 – Regulatory Information

Not hazardous. Observe the governmental or local regulations to use the product safely.

Section 16 – Other Information

Other Precautions: Removal of cured product with oscillating saws without adequate ventilation will potentially cause irritant dusts to be generated into atmosphere. The use of shears is recommended to remove old product from pipes so as to minimize dust formation.

Warning to users:

This data sheet completes the technical notices but does not supersede them. The information contained in it is grounded to the statement of our knowledge of the product concerned at the publishing date.

Moreover, user's attention should be drawn on the possible risks incurred when a product is used for other purposes than those for which it has been designed. It does not stop in any case the user knowing and following the whole regulatory texts related to his activity. He will be the sole responsible of the precautions related to the use of the products he knows.

The aim of the whole regulatory prescriptions mentioned is to help the receiver to fulfill his duties when using the product. This list must not be considered as exhaustive. It does not stop the user from making sure that he complies with the written obligations other than those previously cited and which rule the fact of keeping and using the product for which he is the sole responsible person.