



SAFETY DATA SHEET

WRAP-IT

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Revision No: 2

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

Product name: WRAP-IT

Use / description of product: Expeditious curing repair bandage.

Company name: Unicorn Chemicals Ltd

Unicorn House

Mowbray Drive

Blackpool

Lancashire

FY3 7UN

Tel: 01253 396101

Fax: 01253 302895

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES) 1-10%

CAS: 9016-87-9

[Xn] R20; [Xi] R36/37/38; [Sens.] R42

3. HAZARDS IDENTIFICATION

Main hazards: May cause sensitisation by inhalation.

Other hazards: Combustible.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: It is unlikely that this substance will be swallowed due to its physical properties.

Inhalation: Low volatility makes inhalation of fumes unlikely at ambient temperatures, however at temperatures higher than recommended (above 50°C) MDI fumes may be generated. Breathing difficulties and sensitisation may occur.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash with soap and water. Seek medical advice if irritation develops.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: If affected, seek medical advice.

Inhalation: If affected, remove to fresh air. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Water spray. Alcohol or polymer foam. Dry chemical powder.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Hydrogen cyanide and nitrogen oxide fumes may be released.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear appropriate protective clothing.

Clean-up procedures: Collect up into heavy duty plastic bag and dispose of safely.

7. HANDLING AND STORAGE

Handling requirements: Gloves should be worn to prevent contact with uncured resin.

Storage conditions: Store in cool, dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)
WEL (8 hr exposure limit): 0.02 mg/m³ WEL (15 min exposure limit): 0.07 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: May be required during grinding/sanding operations of cured resin. Use NIOSH approved dust/particle respirator.

Hand protection: Protective gloves.

Eye protection: Wear safety glasses if there is a risk of eye contact.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Impregnated cloth.

Oxidising: Non-oxidising (by EC criteria)

10. STABILITY AND REACTIVITY

Stability: An exothermic reaction occurs when activated by water; the resin crosslinks to give a rigid material releasing carbon dioxide in small amounts.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)
ORL RAT LD50 49 gm/kg
SKN RBT LD50 >9400 mg/kg

Chronic toxicity: May cause sensitisation by inhalation.

12. ECOLOGICAL INFORMATION

Persistence and degradability: No information available on the product as a whole.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Contact Unicorn Chemicals Ltd to arrange disposal.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: -

Shipping name: NOT CLASSIFIED FOR TRANSPORT

IMDG / IMO

UN no: -

IATA / ICAO

UN no: -

15. REGULATORY INFORMATION**Hazard symbols:** Harmful.**Risk phrases:** R42: May cause sensitisation by inhalation.**Safety phrases:** S2: Keep out of the reach of children.

S22: Do not breathe dust.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.

Precautionary phrases: Contains isocyanates. See information supplied by the manufacturer.**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.**16. OTHER INFORMATION****Other information:** This product belongs to Hazard Group E under the HSE COSHH Essentials Guidelines (Publication HSG193).

Always use in accordance with manufacturer's directions.

This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

Risk phrases used in s.2: R20: Harmful by inhalation.

R36/37/38: Irritating to eyes, respiratory system and skin.

R42: May cause sensitisation by inhalation.

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.