

SAFETY DATA SHEET

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

Product name: **Repairite Liquid Rubber Hardener**
 Supplier: MMP-International, Division
 of ITW Ltd.
 Brunel Close, Park Farm
 Ind Est,
 Wellingborough, Northants,
 NN8 6QX

Emergency telephone number: +44 (0) 1933 670870
 Fax No: +44 (0) 1933 670800

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation

Chemical Name	CAS-No	EEC-No	Class	Weight %
DIETHYLTOLUENEDIAMINE	68479981		Xn: R21/22 R48	30-40

3. HAZARDS IDENTIFICATION

Most important hazards: Irritating to eyes and skin.
 Specific hazards: Harmful in contact with skin.

4. FIRST AID MEASURES

General advice: Show this safety data sheet to the doctor in attendance. Avoid contact with skin and eyes.
 Inhalation: Move to fresh air, Consult a physician if necessary.
 Skin contact: Wash off immediately with soap and plenty of water.
 Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
 Ingestion: Drink plenty of water, Induce vomiting immediately and call a physician. If a person vomits when lying on his back, turn over on his side.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: foam, dry powder, Carbon Dioxide (CO₂).
 Extinguishing media which must not be used for safety reasons:
 water
 Specific hazards: Burning produces irritant fumes.
 Special protective equipment for firefighters: In case of fire, wear a self contained breathing apparatus, protective suit.
 Specific methods: Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes, Inhalation.
 Environmental precautions: Do not let product enter drains
 Methods for cleaning up: Soak up with inert absorbent material, Shovel into a dry metal container.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Open drum carefully as content may be under pressure. Use only in well-ventilated areas.
 Storage: Keep containers tightly closed in a cool, well-ventilated place. Keep away from sources of ignition - No smoking

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Hardener**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name: National occupational exposure limits (Ref: British COSHH - EH40):

DIETHYLTOLUENEDIAMINE no data available.

Engineering measures to reduce exposure: Ensure adequate ventilation, especially in confined areas.

- Respiratory protection: Not required with adequate ventilation. If the product is heated, wear approved organic vapor respirator.
- Hand protection: nitrile rubber and Neoprene gloves.
- Eye protection: safety glasses with side-shields.
- Skin and body protection: protective suit , safety shoes.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Do not smoke. General industrial hygiene practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: liquid. Colour: black. Odour: slight.

pH: (50 g/l H₂O) 8.5

Boiling point/range: >232 °C

Flash point: >177 °C

Melting point/range: n/d °C

Flammability (solid, gas): Not applicable

Explosive properties: Not applicable.

Vapour pressure: <1

Relative density: - lower 1.08 (20 °C)
(25 °C)

Viscosity: (25 °C) 1000

10. STABILITY AND REACTIVITY

Stability: No decomposition if stored and applied as directed.

Conditions to avoid: Keep away from heat and sources of ignition.

Materials to avoid: oxidizing agents, acids.

Hazardous decomposition products: nitrogen oxides (NO_x), Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD₅₀/oral/rat = >500 mg/kg LD₅₀/dermal/rat = >1000 mg/kg

Local effects: The product causes irritation of eyes, skin and mucous membranes.

12. ECOLOGICAL INFORMATION

Mobility: Do not contaminate water.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Solidify unexposed surplus and dispose of together with processed material as cured plastic waste - In accordance with local and national regulations

Contaminated packaging: In accordance with local and national regulations.

European waste Catalogue No: **08 04 99**

14. TRANSPORT INFORMATION

Proper shipping name: Not classified as dangerous in the meaning of transport regulations: UN, ADR/RID, IMO & IATA/ICAO..

15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations
93/21/EEC

- Contains: DIETHYLTOLUENEDIAMINE
- Symbol(s):



Xn -
Harmful.

R -phrase(s): R36 - Irritating to eyes. R21/22 - Also harmful in contact with skin and if swallowed
R48 - Danger of serious damage to health by prolonged exposure.

S -phrase(s): S26 - In case of contact with eyes, rinse immediately with plenty of water and seek
medical advice. S28 - After contact with skin, wash immediately with plenty of
water. S36/37/39 - Wear suitable protective clothing, gloves and eye/face
protection.

16. OTHER INFORMATION

Recommended use: Adhesives.

Recommended restrictions:

When used in a mixture, read the labels and safety data sheets of all components.

Revision date: 10/01/2002

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication