

SAFETY DATA SHEET

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

Product name: **REPAIRITE LIQUID RUBBER PUTTY
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	68479-98-1		Xn; R21/22 R48	20-50

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:

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: pungent.

pH: (50 g/l H₂O)

>7 (20 °C)

Boiling point/range:

>100 °C

Flash point:

>135 °C

Relative density:

- lower 1.05 (20 °C)

Water solubility

partly soluble

10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid: temperatures above 50 °C.

Materials to avoid: strong acids and oxidizing agents.

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

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

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- 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. All metal parts of the mixing and processing equipment must be earthed.

Revision date: 10/12/2002

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