

SAFETY DATA SHEET

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

Product name: **Repairite Liquid Metal Activator**

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 %
BENZYL ALCOHOL	100-51-6	603-057-00-5	Xn; R20/22	10-15
DIETHYLENETRIAMINE	111-40-0	612-058-00-X	Xn; R21/22 C; R34 R43	1-5

3. HAZARDS IDENTIFICATION

Most important hazards: Skin irritation, Eye irritation, Causes sensitization.

Specific hazards redness on the skin, rash, May cause sensitization by skin contact.

4. FIRST AID MEASURES

General advice: Show this safety data sheet to the doctor in attendance.

Inhalation: Move to fresh air.

Skin contact: Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

Eye contact: Rinse immediately with plenty of water and seek medical advice.

Ingestion: Drink plenty of water. Call a physician immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Carbon Dioxide (CO₂), Water spray, dry chemical, foam.

Specific hazards: In case of fire and/or explosion do not breathe fumes.

Special protective equipment for firefighters: In case of fire, wear a self contained breathing apparatus, wear personal protective equipment.

Specific methods: Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes. Use personal protective equipment. Ensure adequate ventilation.

Environmental precautions: Do not let product enter drains.

Methods for cleaning up: Soak up with inert absorbent material. Shovel into suitable container for disposal.

7. HANDLING AND STORAGE

Handling: Use only in well-ventilated areas. Avoid contact with skin, eyes and clothing.

Storage: Keep in a dry, cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Product name: **Repairite Liquid Metal
Activator**

REF: R16

BENZYL ALCOHOL

DIETHYLENETRIAMINE

4.3mg/m3

Engineering measures to
reduce exposure

Ensure adequate ventilation, especially in confined areas.

- Respiratory protection:

No personal respiratory protective equipment normally required. In
case of insufficient ventilation wear suitable respiratory equipment.

- Hand protection:

PVC or other plastic material gloves.

- Eye protection:

safety glasses with side-shields.

- Skin and body protection:

Wear as appropriate.

Hygiene measures:

Wash hands before breaks and immediately after handling the
product. 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

g/l H₂O)

Boiling point/range:

>200 °C

Flash point:

>100 °C

Melting point/range:

n/d °C

Flammability (solid, gas):

Will burn if involved in a
fire.

Relative density:

- lower 2.00g/cm³ (20 °C)**10. STABILITY AND REACTIVITY**

Stability:

Stable

Materials to avoid:

oxidizing agents, acids.

Hazardous decomposition products:

Carbon monoxide, Carbon Dioxide (CO₂), nitrogen oxides
(NO_x), Ammonia.**11. TOXICOLOGICAL INFORMATION**

Acute toxicity:

LD50/oral/rat = n/d

12. ECOLOGICAL INFORMATION

Mobility:

Do not let product enter drains.

Other information:

Water hazard class - 1 slightly water contaminating

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Solidify unexposed surplus and dispose of together
with processed material as cured plastic waste.

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:

DIETHYLENETRIAMINE, BENZYL ALCOHOL

- Symbol(s):



Xi - Irritant

R -phrase(s): R36/38 - Irritating to eyes and skin. R43 - May cause sensitization by skin contact.

S -phrase(s): S24 - Avoid contact with skin 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 soapy water. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

16. OTHER INFORMATION

Recommended use:

Recommended restrictions:

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

Revision date: 16/07/2002

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