

SAFETY DATA SHEET

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

Product name: **Repairite Liquid Rubber Primer S**

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 %
TOLUENE	108-88-3	601-021-00-3	F; R11 Xn; R20	15-30
METHYL ISOBUTYL KETONE	108-10-1	606-004-00-4	F; R11	30-60
ETHANOL	64-17-5	603-002-00-5	F; R11	1-10
PHENOL	108-95-2	604-001-00-2	T; R24/25 C; R34	1-10

3. HAZARDS IDENTIFICATION

Most important hazards: Highly flammable, Irritating to eyes, irritating to skin and mucous membranes.

Specific hazards: Inhalation of high vapour concentrations can cause CNS-depression and narcosis. May cause sensitization by skin contact.

4. FIRST AID MEASURES

General advice: Show this safety data sheet to the doctor in attendance. Avoid contact with skin and eyes, Do not breath vapours or spray mist.

Inhalation: Move to fresh air,Consult a physician after significant exposure.

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

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion: Do not induce vomiting. Call a physician immediately

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Carbon Dioxide (CO₂),foam

Specific hazards: In case of fire and/or explosion do not breathe fumes,Flash back possible over considerable distance.

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

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, Remove all sources of ignition.

Environmental precautions: Avoid subsoil penetration, Do not contaminate water.

Methods for cleaning up: Dam up, Scrape up, Soak up with inert absorbent material.

Product name: **Repairite Liquid Rubber
Primer S**

REF: R41

7. HANDLING AND STORAGE

Handling: Use only in area provided with appropriate exhaust ventilation, To avoid ignition of vapors by static electricity discharge, all metal parts of the equipments must be grounded, Do not smoke.

Storage: Keep container tightly closed in a dry and well-ventilated place

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

TOLUENE	50ppm
METHYL ISOBUTYL KETONE	50ppm
ETHANOL	1000ppm
PHENOL	

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

- **Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment
- **Hand protection:** solvent-resistant gloves
- **Eye protection:** goggles,safety glasses with side-shields.
- **Skin and body protection:** Wear as appropriate

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and immediately after handling the product. Regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: liquid.	Colour: blue.	Odour: solvent.
pH: (50 g/l H ₂ O)	7	(20 °C)
Boiling point/range:	90	°C
Flash point:	12.8	°C
Flammability (solid, gas):	liquid	
Explosion limits:	- lower 1.3	vol. % - upper 8.0 vol. %
Oxidizing properties:	Not applicable.	
Relative density:	- lower 0.8	(20 °C)
Water solubility	35	

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: strong oxidizing agents, acids, bases,amines.

Hazardous decomposition products: carbon oxides, nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Methyl isobutyl ketone: LD50/oral/rat = 2080 mg/kg
LC50/inhalation/4h/rat = 8000ppm
Toluene: LD50/dermal/rabbit = 12,124 mg/kg, LD50/oral/rat = 5000 mg/kg

Local effects: Moderate eye irritation (rabbit)

Sensitization: Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Long term toxicity: Prolonged or repeated exposure may cause injuries to liver, kidneys, lungs, nerves and hereditary factors.

12. ECOLOGICAL INFORMATION

Mobility: Do not let product enter drains
Persistence / degradability: Methyl isobutyl ketone: Biochemical oxygen demand within 5 days (BOD5) = 1.94-2.06.
Other information: EC50/24h/Daphnia = 1550 mg/l

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: 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: Flammable liquids, n.o.s (Toluene, Methyl Isobutyl Ketone)
UN-No: 1993
ADR/RID Class: 3
HI/UN No: 1993
IMO Class: 3 Packing group : II
Proper shipping name: Flammable liquids, n.o.s (Toluene, Methyl Isobutyl Ketone)
ICAO Class: 3 UN/ID No: 1993
Proper shipping name: Flammable liquids, n.o.s (Toluene, Methyl Isobutyl Ketone)

15. REGULATORY INFORMATION

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

- Contains: METHYL ISOBUTYL KETONE, TOLUENE, ETHANOL
- Symbol(s):



Highly flammable



Xn

R -phrase(s): R36/38 - Irritating to eyes and skin.. R20/21/22 - Also harmful by inhalation, in contact with skin and if swallowed.

S -phrase(s): S16 - Keep away from sources of ignition - No smoking.. S23 - Do not breathe vapour. S25 - Avoid contact with eyes. S28 - After contact with skin, wash immediately with plenty of water. S29 - Do not empty into drains. S33 - Take precautionary measures against static discharges. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S7/9 - Keep container tightly closed and in a well-ventilated place.

16. OTHER INFORMATION

Recommended use: Adhesives.

Recommended restrictions:

Take notice of labels and material safety data sheets for the working chemicals. All metal parts of the mixing and processing equipment must be earthed.

Revision date: 19/07/2002.