

SAFETY DATA SHEET

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

Product name: **REPAIRITE LIQUID RUBBER PUTTY
RESIN**

Supplier: MMP-International, Division
of ITW Ltd.
Brunel Close, Park Farm Ind
Est,
Wellingborough, Northants,
NN8 6QX

Emergency telephone number: +44 (0) 1933 670870

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation

Chemical Name	CAS-No	EEC-No	Class	Weight %
METHYL ETHYL KETONE	78-93-3	606-002-00-3	F; R11 Xi; R36/37	10-40
4,4'-METHYLENEDI(CYCLOHEXYLISOCYANATE)	5124-30-1	615-009-00-0	T; R23 Xi; R36/37/38 R42/43	1-10

3. HAZARDS IDENTIFICATION

Most important hazards: **Highly flammable.**

Specific hazards **Harmful by inhalation, in contact with skin and if swallowed.**

4. FIRST AID MEASURES

General advice: Show this safety data sheet to the doctor in attendance. Persons allergic to isocyanates, and particularly those suffering from asthma or other respiratory conditions, should not work with isocyanates

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

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 for at least 15 minutes. Consult a physician if necessary.

Ingestion: Rinse mouth. Do not induce vomiting. Call a physician immediately.

5. FIRE-FIGHTING MEASURES

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

Extinguishing media which must not be used for safety reasons:

High volume water jet.

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: Ensure adequate ventilation. Wear self-contained breathing apparatus and protective suit

Environmental precautions: Do not let product enter drains. Avoid subsoil penetration.

Methods for cleaning up: Soak up with inert absorbent material, Shovel into a dry metal container. Dilute with water. Keep the container open.

Product name: **REPAIRITE LIQUID
RUBBER PUTTY RESIN**

REF: R43

7. HANDLING AND STORAGE

Handling: Open drum carefully as content may be under pressure. In case of insufficient ventilation, wear suitable respiratory equipment.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name: National occupational exposure limits:

METHYL ETHYL KETONE	200 ppm
4,4'-METHYLENEDI(CYCLOHEXYLISOCYANATE)	0.02 mg m ⁻³
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:	impervious butyl rubber gloves. Neoprene gloves.
- Eye protection:	Wear face-shield and protective suit for abnormal processing problems
- Skin and body protection:	boots. protective suit.
Hygiene measures:	Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of workday. Do not smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid.	Colour:	clear.	Odour:	strong.
pH:	(50 g/l H ₂ O)	5	(20 °C)		
Boiling point/range:		67	°C		
Flash point:		-6	°C		
Flammability (solid, gas):	liquid				
Explosion limits:	- lower	1.4	vol. %	- upper	11.5 vol. %
Relative density:	- lower	0.99	(20 °C)		
Water solubility	Reacts violently with water				

10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid: Do not expose to temperatures above 50.

Materials to avoid: oxidizing agents,bases,Alcohol,humid air,water.

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

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Harmful by inhalation, in contact with skin and if swallowed.

Sensitization: Persons allergic to isocyanates, and particularly those suffering from asthma or other respiratory conditions, should not work with isocyanates

12. ECOLOGICAL INFORMATION

Mobility: Do not let product enter drains

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: In accordance with local and national regulations. 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:	Flammable liquids, n.o.s (Methylethylketone)		
UN-No:	1993		
ADR/RID Class:	3		
	HI/UN No:	1993	
IMO Class:	3.2	Packing group :	III
Proper shipping name:	Flammable liquids, n.o.s (Methylethylketone)		
ICAO Class:	3	UN/ID No:	1993
Proper shipping name	Flammable liquids, n.o.s (Methylethylketone)		

15. REGULATORY INFORMATION

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

- Contains: Isocyanates, Ethyl Acetate.
- Symbol(s):



F - Highly flammable

- R -phrase(s): Harmful by inhalation.. R42/43 - May cause sensitization by inhalation and skin contact.
- S -phrase(s): S16 - Keep away from sources of ignition - No smoking. S23 - Do not breathe. S25 - Avoid contact with eyes. 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. S38 - In case of insufficient ventilation, wear suitable respiratory equipment.. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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: 01/12/2002.

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