



MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT & COMPANY IDENTIFICATION

Product identifier

Product Code 1403
Product Name FIXPROOF PU FR

Intended use

Information about MSDS prepared company

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical character Polyurethane

Hazardous ingredients Diethylmethylbenzenediamine ≤ % 8 CAS NO:68479-98-1
Modified Aromatic Amines > 10 % CAS NO: 5285-60-9
Diphenyl tolyl phosphate 33 - 37 % CAS NO: 26444-49-5
N , Xn
R 50-53

3. POTENTIAL HAZARDS

Hazards Information

Main Hazards Acut toxic for enviroment and water life (Category 1) H400
Choronic toxic for enviroment and water life (Category 1)
H410

4. FIRST AID MEASURES

Eye Contact Rinse immediately for 15 minutes with plenty of water. Obtain medical attention.

Skin Contact Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Inhalation Remove to fresh air and keep at rest in a position comfortable for breathing.

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Ingestion Do not induce vomiting. Obtain emergency medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable Foam, water spray, dry powder, carbon dioxide, sand.

Not to be used Do not use a heavy water stream.

Combustion products Carbonmonoxide, carbondioxide

Other information -

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use suitable gas mask.No naked lights. No smoking. Use only outdoors or in a well-ventilated area.

Enviromental Precautions Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

7. HANDLING & STORAGE

Handling Should be used in well ventilated areas. Hands after handling and before eating contaminated instruments should be washed thoroughly with water.

Storage Keep container tightly closed. Keep only in the original container in a cool, well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Eye protection Chemical goggles or safety glasses

Hand protection Use protective gloves if prolonged contact.

Other Do not eat or smoke during use.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance Liquid

Colour Transparent

Odour Characteristic

pH Not determined.

Melting or freezing point Not determined.

Boiling point Not determined.

Distillation range Not determined.

Flash point > 230 °C

Evaporation Rate Not determined.

Lower inflammability limit Not determined.

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Upper inflammability limit	Not determined.
Lower explosive limit	Not determined.
Upper explosive limit	Not determined.
Density	1,35 ± 0,05 g/cm ³
Solubility	Water-insoluble
Auto-ignition temperature	Not determined.
Viscosity	1500- 2500 mPa
Flammability	Not determined.

10. STABILITY & REACTIVITY

Hazardous decomposition products	Not determined
Hazardous reactions	Not determined

11. INFORMATION ON TOXICITY

Information on toxicological effects

Skin irritation	may cause irritation
Eye irritation	may cause irritation
Other information	Toxic when inhale

12. INFORMATION ON ECOLOGICAL EFFECTS

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

13. DISPOSAL

Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Avoid release to the environment.

14. TRANSPORT

RID/ADR

UN N°	: 3082
H.I. nr	: 90
ADR - Class	: 9
Labelling - Transport	: 9
ADR-Classification code	M6
ADR - Group	III
ADR - Packing instructions	P001 R001 LP001
ADR - Limited Quantity	5 L

ICAO/IATA

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IATA - Class or division 9

IATA - Packing group III

IATA - Passenger and Cargo Aircraft available

Passenger and Cargo - Packing instruction 964

Passenger and Cargo - Maximum Quantity/Packing 450L

IATA - Cargo only available

Cargo only - Packing instruction 964

Cargo only - Maximum Quantity Packing 450 L

IATA - Limited Quantities 30 kg G

ERG-Nr 9 L

Other information Not determined

15. REGULATIONS

Labelling

Classified by EC directions/related laws

Symbol

N: Dangerous for environment

R Phrase (R)

R 50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrase (S)

S 2 – Keep out of the reach of children

S 23 – Do not breathe vapour

S 26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S 28 - After contact with skin, wash immediately with plenty of (to be specified by the manufacturer)

S 36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S 61 - Avoid release to the environment. Refer to special instructions/safety data sheet

Diphenyl tolyl phosphate - Modified Aromatic Amines - diethylmethylenediamine

16. FURTHER INFORMATION

The information in this MSDS was obtained from sources which we believe are reliable.

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However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.