

1. PRODUCT & COMPANY IDENTIFICATION

Product identifier

Product Code 1402

Product Name FIXPROOF POLYUREA (A Component)

TWO COMPONENT, SPRAYABLE, HOT-CURE POLYUREA BASED,

WATER PROOFING PRODUCT.

Information about MSDS prepared company

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+90 216 487 53 45

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical character Polyurea

Hazardous ingredients Carc. Cat. 3; R40

Xn; 48/20 Xi; R36/37/38 Xn; R42/43

methylenediphenyl diisocyanate: 9 - 15 % CAS NO: 101-68-8

3. POTENTIAL HAZARDS

Hazards Information

Main Hazards Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2) H315

Eye irritation - Category 2A - Warning (CLP: Eye Irrit. 2) H319

Respiratory sensitization - Category 1 - Danger (CLP: Resp. Sens. 1)

H334

4. FIRST AID MEASURES

Eye ContactRinse 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.

Remove to fresh air and keep at rest in a position comfortable

for breathing.

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 Not determined

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 Prevent entry to sewers and public waters. Notify authorities if

Precautions product enters sewers or public waters.

7. HANDLING & STORAGE

Handling

Wash thoroughly after handling. Obtain special instructions

before use. Wash thoroughly after handling. Use only outdoors

or in a well-ventilated area. Contaminated work clothing should

not be allowed out of the workplace. Wash contaminated clothing before reuse. Avoid breathing dust, fume, gas,

mist, vapours, spray.

Storage Avoid breathing dust, fume, gas, mist, vapours, spray.

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 Where excessive vapour may result, wear approved mask.

Eye protection Chemical goggles or safety glasses

Hand protection In case of repeated or prolonged contact wear gloves.

Other When using, do not eat, drink or smoke.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance Liquid

Colour Colourless to light yellow.

Odour Characteristic



pH Not determined.

Melting or freezing

point

Not determined.

Boiling point Not determined.

Distillation range Not determined.

Flash point >200 °C

Evaporation Rate Not determined.

Lower inflammability

limit

Not determined.

Upper inflammability

limit

Not determined.

Auto-ignition

temperature

Not determined.

Viscosity 1500- 2000 mPa Flammability Not determined.

10. STABILITY & REACTIVITY

Hazardous

decomposition

products

Hazardous reactions Stable under recommended storage conditions.

11. INFORMATION ON TOXICITY

Information on toxicological effects

Skin irritation Causes skin irritation.

Eye irritation Causes serious eye irritation.

Fumes.

Other information Not determined

12. INFORMATION ON ECOLOGICAL EFFECTS

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Soak up spills with

inert solids as soon as possible.

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

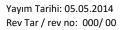
release to the environment.

14. TRANSPORT

RID/ADR Not regulated.

ICAO/IATA Not regulated.

Other information Not regulated.





15. REGULATIONS

Labelling EC 67/548 or EC 1999/45

Symbol Xn: Harmful

R Phrase (R)

R36/37/38: Irritating to eyes, respiratory system and skin.

R40: Limited evidence of a carcinogenic effect.

R42/43: May cause sensitization by inhalation and skin

contact.

R48/20: Harmful: danger of serious damage to health by

prolonged exposure through inhalation.

S Phrase (S) S2: Keep out of the reach of children.

S23 : Do not breathe the gas, fumes, vapours, spray.S36/37 : Wear suitable protective clothing and gloves.

S40: To clean the floor and all objects contaminated by this

material, use xylene.

S45: In case of accident or if you feel unwell, seek medical

advice immediately (

show the label when possible).

S51: Use only in well-ventilated areas

16. FURTHER INFORMATION

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



1. PRODUCT & COMPANY IDENTIFICATION

Product identifier

Product Code 1402

Product Name FIXPROOF POLYUREA (B Component)

Intended use

Information about MSDS prepared company

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Beykoz, Istanbul / TURKEY

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Emergency telephone number

+90 216 487 53 45

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical character

Hazardous ingredients diethylmethylbenzenediamine: < 25 % CAS NO: 68479-98-1

> Xn; 48/22 Xi; R36 N; R51-53

3. POTENTIAL HAZARDS

Hazards Information

Eye irritation - Category 2A - Warning (CLP: Eye Irrit. 2) H319 **Main Hazards**

N: Dangerous for the environment

4. FIRST AID MEASURES

Rinse immediately for 15 minutes with plenty of water. Obtain **Eve Contact**

medical attention.

Remove/Take off immediately all contaminated clothing. Rinse **Skin Contact**

skin with water/shower.

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

for breathing.

Do not induce vomiting. Obtain emergency medical attention. Ingestion

Rev Tar / rev no: 000 /00

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 Not determined

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use suitable gas mask.No naked lights. No smoking. Use only

outdoors or in a well-ventilated area.

Environmental Prevent entry to sewers and public waters. Notify authorities if

Precautions product enters sewers or public waters.

7. HANDLING & STORAGE

Wash thoroughly after handling. Obtain special instructions

before use. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should

Handling not be allowed out of the workplace. Wash contaminated

clothing before reuse. Avoid breathing dust, fume, gas,

mist, vapours, spray.

Storage Avoid breathing dust, fume, gas, mist, vapours, spray.

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 Where excessive vapour may result, wear approved mask.

Eye protection Chemical goggles or safety glasses

Hand protection In case of repeated or prolonged contact wear gloves.

Other When using, do not eat, drink or smoke.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance Liquid

Colour Colourless to gray.

Odour Odourless

pH Not determined.

Melting or freezing

point

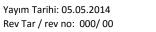
Not determined.

Boiling point Not determined.

Distillation range Not determined.

Flash point >100 °C

Evaporation Rate Not determined.





Lower inflammability

limit

Not determined.

Upper inflammability

Not determined.

Not determined. Lower explosive limit Not determined. **Upper explosive limit** 1,05 ± 0,05 g/cm3 Density Solubility Not determined.

Auto-ignition

temperature

Not determined.

1000-1500 mPa Viscosity **Flammability** Not determined.

10. STABILITY & REACTIVITY

Hazardous

decomposition Fumes.

products

Hazardous reactions Stable under recommended storage conditions.

11. INFORMATION ON TOXICITY

Information on toxicological effects

Skin irritation Causes skin irritation.

Eve irritation Causes serious eye irritation.

Other information Toxic to aquatic life with long lasting effects.

12. INFORMATION ON ECOLOGICAL EFFECTS

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Soak up spills with

inert solids as soon as possible.

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 Environmentally hazardous substance, liquid ICAO/IATA Enviromentally hazardous substance, liquid Other information Environmentally hazardous substance, liquid

15. REGULATIONS

Labelling EC 67/548 or EC 1999/45

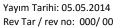
diethylmethylbenzenediamine

Symbol N: Dangerous for the environment

R Phrase (R) R36: Irritating to eyes.

R48/22 : Harmful : danger of serious damage to health by

prolonged exposure if swallowed.





R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrase (S)

S2: Keep out of the reach of children.

S23: Do not breathe the gas, fumes, vapours, spray.

S26: In case of contact with eyes, rinse immediately with

plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and

eye/face protection.

S51: Use only in well-ventilated areas.

S60: This material and its container must be disposed of as

hazardous waste.

S61: Avoid release to the environment. Refer to special

instructions/Safety data sheets.

16. FURTHER INFORMATION

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