



## MATERIAL SAFETY DATA SHEET (MSDS)

### 1. PRODUCT & COMPANY IDENTIFICATION

<b>Product identifier</b>	
<b>Product Code</b>	1402
<b>Product Name</b>	<b>FIXPROOF POLYUREA (A Component)</b>
<b>Intended use</b>	TWO COMPONENT, SPRAYABLE, HOT-CURE POLYUREA BASED, WATER PROOFING PRODUCT.
<b>Information about MSDS prepared company</b>	INTERFIKS A.Ş. , Cavusbasi Cad. Yedekreis Sk. 7/2 Kavacık Beykoz, Istanbul / TURKEY Tel: +90(216) 425 1898 Faks: +90(216) 425 2099 E-posta: <a href="mailto:interfiks@interfiks.com.tr">interfiks@interfiks.com.tr</a> <a href="http://www.interfiks.com.tr">Internet: www.interfiks.com.tr</a> <a href="mailto:sezin.selcuk@interfiks.com.tr">Responsible person: sezin.selcuk@interfiks.com.tr</a>
<b>Emergency telephone number</b>	+90 216 487 53 45

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Chemical character</b>	Polyurea
<b>Hazardous ingredients</b>	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

<b>Main Hazards</b>	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
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### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Rinse immediately for 15 minutes with plenty of water. Obtain medical attention.
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<b>Skin Contact</b>	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
<b>Inhalation</b>	Remove to fresh air and keep at rest in a position comfortable for breathing.
<b>Ingestion</b>	Do not induce vomiting. Obtain emergency medical attention.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	
<b>Suitable</b>	Foam. Water spray. Dry powder. Carbon dioxide. Sand.
<b>Not to be used</b>	Do not use a heavy water stream.
<b>Combustion products</b>	Carbonmonoxide, carbondioxide
<b>Other information</b>	Not determined

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use suitable gas mask.No naked lights. No smoking. Use only outdoors or in a well-ventilated area.
<b>Enviromental Precautions</b>	Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### 7. HANDLING & STORAGE

<b>Handling</b>	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.
<b>Storage</b>	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

<b>Personal protective equipment</b>	
<b>Respiratory protection</b>	Where excessive vapour may result, wear approved mask.
<b>Eye protection</b>	Chemical goggles or safety glasses
<b>Hand protection</b>	In case of repeated or prolonged contact wear gloves.
<b>Other</b>	When using, do not eat, drink or smoke.

### 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance</b>	Liquid
<b>Colour</b>	Colourless to light yellow.
<b>Odour</b>	Characteristic

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<b>pH</b>	Not determined.
<b>Melting or freezing point</b>	Not determined.
<b>Boiling point</b>	Not determined.
<b>Distillation range</b>	Not determined.
<b>Flash point</b>	>200 °C
<b>Evaporation Rate</b>	Not determined.
<b>Lower inflammability limit</b>	Not determined.
<b>Upper inflammability limit</b>	Not determined.
<b>Lower explosive limit</b>	Not determined.
<b>Upper explosive limit</b>	Not determined.
<b>Density</b>	1,05 ± 0,05 g/cm <sup>3</sup>
<b>Solubility</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Viscosity</b>	1500- 2000 mPa
<b>Flammability</b>	Not determined.

### 10. STABILITY & REACTIVITY

<b>Hazardous decomposition products</b>	Fumes.
<b>Hazardous reactions</b>	Stable under recommended storage conditions.

### 11. INFORMATION ON TOXICITY

#### Information on toxicological effects

<b>Skin irritation</b>	Causes skin irritation.
<b>Eye irritation</b>	Causes serious eye irritation.
<b>Other information</b>	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

<b>RID/ADR</b>	Not regulated.
<b>ICAO/IATA</b>	Not regulated.
<b>Other information</b>	Not regulated.

# MATERIAL SAFETY DATA SHEET (MSDS)

## 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.



## MATERIAL SAFETY DATA SHEET (MSDS)

### 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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**Emergency telephone number**

+90 216 487 53 45

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical character**

**Hazardous ingredients** diethylmethybenzenediamine : < 25 % CAS NO: 68479-98-1  
Xn; 48/22  
Xi; R36  
N; R51-53

### 3. POTENTIAL HAZARDS

**Hazards Information**

**Main Hazards**

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

N : Dangerous for the environment

### 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.

**Ingestion**

Do not induce vomiting. Obtain emergency medical attention.

# MATERIAL SAFETY DATA SHEET (MSDS)

## 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 Precautions** Prevent entry to sewers and public waters. Notify authorities if 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 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.

## MATERIAL SAFETY DATA SHEET (MSDS)

<b>Lower inflammability limit</b>	Not determined.
<b>Upper inflammability limit</b>	Not determined.
<b>Lower explosive limit</b>	Not determined.
<b>Upper explosive limit</b>	Not determined.
<b>Density</b>	1,05 ± 0,05 g/cm <sup>3</sup>
<b>Solubility</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Viscosity</b>	1000- 1500 mPa
<b>Flammability</b>	Not determined.

### 10. STABILITY & REACTIVITY

<b>Hazardous decomposition products</b>	Fumes.
<b>Hazardous reactions</b>	Stable under recommended storage conditions.

### 11. INFORMATION ON TOXICITY

#### Information on toxicological effects

<b>Skin irritation</b>	Causes skin irritation.
<b>Eye irritation</b>	Causes serious eye irritation.
<b>Other information</b>	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

<b>RID/ADR</b>	Environmentally hazardous substance, liquid
<b>ICAO/IATA</b>	Environmentally hazardous substance, liquid
<b>Other information</b>	Environmentally hazardous substance, liquid

### 15. REGULATIONS

<b>Labelling</b>	EC 67/548 or EC 1999/45 diethylmethylbenzenediamine
<b>Symbol</b>	N : Dangerous for the environment
<b>R Phrase (R)</b>	R36 : Irritating to eyes. R48/22 : Harmful : danger of serious damage to health by prolonged exposure if swallowed.

## MATERIAL SAFETY DATA SHEET (MSDS)

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

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.