

## COSHH Information For Wetpour Edge Primer - FLEXILON 1103

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

**PRODUCT NAME:** FLEXILON 1103  
**PRODUCT NO:** FX1103

### 2 HAZARDS IDENTIFICATION

Harmful by inhalation. Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation and skin contact.

CLASSIFICATION Xn; R20. R42/43. Xi; R36/37/38.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Name:** DIPHENYLMETHANE-4,4'-DI-ISOCYANATE  
**EC No. :** 202-966-0  
**CAS-No. :** 101-68-8  
**Content:** 30-60%  
**Classification:** Xn; R20 R42/43 Xi; R36/37/38

The Full Text for all R-Phrases are Displayed in Section 16

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

#### INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Immediately rinse mouth and drink plenty of water. Call an ambulance and take these instructions.

#### SKIN CONTACT

Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention promptly if symptoms occur after washing.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use: Powder. Foam. DO NOT use water if avoidable.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

Do not get water inside containers, risk of pressure build up. NOTE! Use air-supplied respirators to protect against gases/fumes. Use special protective clothing. Regular protection may not be safe.

### **SPECIFIC HAZARDS**

Toxic gases/vapours/fumes of Carbon monoxide (CO). Hydrogen cyanide (HCN). Carbon dioxide (CO<sub>2</sub>).

### **PROTECTIVE MEASURES IN FIRE**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## **6 ACCIDENTAL RELEASE MEASURES**

### **PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

### **ENVIRONMENTAL PRECAUTIONS**

Do not discharge onto the ground or into water courses.

### **SPILL CLEAN UP METHODS**

Wear necessary protective equipment. Ventilate well. Avoid contact with skin or inhalation of spillage, dust or vapour. Collect with absorbent, Non-combustible material into suitable containers. Containers with collected spillage must be properly labelled with correct contents and hazard Symbol. Avoid water on spilled material or leaking containers. Do not contaminate water sources or sewer.

## **7 HANDLING AND STORAGE**

### **USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### **STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Store below 25°C.

### **STORAGE CLASS**

Chemical storage.

## **8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Name:** DIPHENYLMETHANE-4,4'-DI-ISOCYANATE

**STD:** WEL

**LT – ppm:**

**LT - mg/m<sup>3</sup>:** 0.02 mg/m<sup>3</sup> (Sen)

**ST – ppm:**

**ST - mg/m<sup>3</sup>:** 0.07 mg/m<sup>3</sup> (Sen)

### **PROTECTIVE EQUIPMENT**

### **ENGINEERING MEASURES**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

### **RESPIRATORY EQUIPMENT**

If ventilation is insufficient, suitable respiratory protection must be provided.

### **HAND PROTECTION**

Protective gloves should be used if there is a risk of direct contact or splash. SPECIFIC RECOMMENDATIONS. Use protective gloves made of: Rubber, neoprene or PVC

### **EYE PROTECTION**

Wear approved safety goggles. Use face shield in case of splash risk.

### **OTHER PROTECTION**

Wear appropriate clothing to prevent repeated or prolonged skin contact.

### **HYGIENE MEASURES**

#### **DO NOT SMOKE IN WORK AREA!**

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

## **9 PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Light viscous liquid

**COLOUR:** Straw to Brown

**ODOUR:** Slight odour Characteristic Musty (mouldy).

**SOLUBILITY:** Insoluble in water reacts with water. Soluble in Aromatic solvents

**BOILING POINT (°C) :** >300 **MELTING POINT (°C)** Not available

**RELATIVE DENSITY:** 1.00 - 1.10 **20 VISCOSITY** 230-600 cps 25

**FLASH POINT (°C) :** >200 CC (Closed cup).

**AUTO IGNITION TEMPERATURE (°C):** >600

## **10 STABILITY AND REACTIVITY**

### **STABILITY**

No particular stability concerns. Reaction with water (moisture) produces CO<sub>2</sub> -gas. Exothermic reaction with materials containing active hydrogen groups.

### **CONDITIONS TO AVOID**

Avoid excessive heat for prolonged periods of time.

### **MATERIALS TO AVOID**

Water, alcohols, amines, bases, and acids.

## **HAZARDOUS DECOMPOSITION PRODUCTS**

By heating, vapours/gases hazardous to health may be formed.

## **11 TOXICOLOGICAL INFORMATION**

### **GENERAL INFORMATION**

Preparation contains small volumes of isocyanate which may cause allergic reaction and irritation of respiratory system.

### **INHALATION**

This product is a respiratory irritant and potential respiratory sensitiser: repeated inhalation of vapour or aerosol at levels above the occupational exposure limit could cause respiratory sensitisation. Symptoms may include irritation to the eyes, nose, throat and lungs, possibly combined with dryness of the throat, tightness of chest and difficulty in breathing. The onset of the respiratory symptoms may be delayed for several hours after the exposure. A hyper-reactive response to even minimal concentrations of MDI may develop in sensitized persons.

### **INGESTION**

Low oral toxicity. Ingestion may cause irritation of the gastrointestinal tract.

### **SKIN CONTACT**

Irritating to skin. May cause sensitisation by skin contact.

### **EYE CONTACT**

Irritation of eyes and mucous membranes.

### **HEALTH WARNINGS**

Prolonged inhalation of high concentrations may damage respiratory system.

### **TARGET ORGANS**

Eyes. Respiratory system, lungs.

## **12 ECOLOGICAL INFORMATION**

### **ECOTOXICITY**

The polymer is expected to be of low toxicity. Immiscible with water, but will react with water to produce inert and non-biodegradable solids.

## **13 DISPOSAL CONSIDERATIONS**

### **GENERAL INFORMATION**

Waste is classified as hazardous waste.

### **DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

## **14 TRANSPORT INFORMATION**

**GENERAL:** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

**RAIL TRANSPORT NOTES:** Not Classified.

**SEA TRANSPORT NOTES:** Not Classified.

**AIR TRANSPORT NOTES:** Not Classified.

**UN NO. ROAD:** 0

## **15 REGULATORY INFORMATION**

**LABELLING:** Harmful

**CONTAINS:** DIPHENYLMETHANE-4,4'-DI-ISOCYANATE

**RISK PHRASES:**

**R20** Harmful by inhalation.

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

**R42/43** May cause sensitisation by inhalation and skin contact.

**SAFETY PHRASES**

**S23** Do not breathe vapour/spray.

**S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**S37** Wear suitable gloves.

**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 label Where possible).

**S24/25** Avoid contact with skin and eyes.

**S60** This material and its container must be disposed of as hazardous waste.

**P4** Contains isocyanates. See information supplied by the manufacturer.

## **16 OTHER INFORMATION**

**RISK PHRASES IN FULL**

**R20** Harmful by inhalation.

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

**R42/43** May cause sensitisation by inhalation and skin contact.