

WETPOUR REPAIR PACK – EPDM TOPPING / BASE RUBBER

This pack contains enough materials to carry out a repair one metre square at a 20mm thickness (if a repair kit has been purchased this will include 1m² of 20mm base rubber as well)

To undertake this repair you will need:

Steel float
Stanley knife (to trim hole)
Rubber gloves (supplied)
Bucket containing soapy water
Wheelbarrow (for mixing)

Laying Instructions:

1. Trim back edges of hole to be repaired to form a neat square edge (the repair will often look better if it is trimmed to a neat geometric shape).
2. Remove any damaged or contaminated material from the area to be repaired. The underlying surface will need to be dry before any rubber can be laid.
3. Thoroughly mix the rubber granules and binder in the ratio of:
 - Base Rubber 12.5Kg of Rubber to 1Kg of Resin
 - Top Rubber 12.5Kg of Rubber to 2.5Kg of Resin
 - For small quantities this can be hand mixed either in the tub supplied or in a wheelbarrow lined with polythene. For larger quantities we recommend the use of a 'pan' type mixer such as a Cretangle or Imer.
4. Place the mixed material into the prepared hole and level off slightly proud of the surrounding area using either the float or a flat piece of wood.
5. Lightly lubricate the steel float with the soapy water and level and compact the mixed material into the repair using the float.
6. Clear away any excess material.
7. The curing time for the mixed wet pour is determined by atmospheric conditions but will generally be in the region of 2-6 hours during which the repair will need to be guarded to prevent deliberate or accidental damage.

NOTE: We do not recommend that repairs are carried out during wet or freezing conditions.

The above instructions are for guidance only and do not constitute a comprehensive guide to the laying of wet pour surfaces. The vendor can take no responsibility for an incorrectly laid surface arising for whatever reason.

COSHH Information For Wetpour Repair Kits

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 (CO₂).

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/m³: 0.02 mg/m³ (Sen)

ST – ppm:

ST - mg/m³: 0.07 mg/m³ (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 CO₂ -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.