

## SAFETY DATA SHEET

### EXTRACURE R90

Issued: 17/03/10

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

Product name: EXTRACURE R90

Use / description of product: Solvent borne, resin based concrete curing compound.

Company name: Adomast Ltd

Unit G

Lea Road Trading Estate

Waltham Abbey

Essex

EN9 1AE

Tel: 01992 710 684

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## **2. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous ingredients: NAPHTHA (PETROLEUM) HYDRODESULPHURISED HEAVY 50-70%

- 1,2,4-TRIMETHYLBENZENE 10-30%

EINECS: 202-436-9 CAS: 95-63-6

[-] R10; [Xn] R20; [Xi] R36/37/38; [N] R51/53

- XYLENE 1-10%

EINECS: 215-535-7 CAS: 1330-20-7

[-] R10; [Xn] R20/21; [Xi] R38

- LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM. 10-30%

EINECS: 265-199-0 CAS: 64742-95-6

[F+] R12; [Xi] R38; [N] R51/53; [Xn] R65

## **3. HAZARDS IDENTIFICATION**

Main hazards: Flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in

the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

## **4. FIRST AID MEASURES (SYMPTOMS)**

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

#### **4. FIRST AID MEASURES (ACTION)**

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

#### **5. FIRE-FIGHTING MEASURES**

Extinguishing media: Use water spray to cool containers. Dry chemical powder. Carbon dioxide. Alcohol or polymer foam.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### **6. ACCIDENTAL RELEASE MEASURES**

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### **7. HANDLING AND STORAGE**

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

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

Workplace exposure limits

WEL (8 hr exposure limit): 5 mg/m<sup>3</sup>

Hazardous ingredients: 1,2,4-TRIMETHYLBENZENE

WEL (8 hr exposure limit): 100 mg/m<sup>3</sup> WEL (15 min exposure limit): 200 mg/m<sup>3</sup>

• XYLENE

WEL (8 hr exposure limit): 220 mg/m<sup>3</sup> WEL (15 min exposure limit): 441 mg/m<sup>3</sup>

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection is unnecessary, provided the concentration of vapour, mists or fumes is adequately controlled.

Hand protection: Impermeable gloves.

Eye protection: Wear face visor or protective goggles/safety glasses where eye contact can accidentally occur.

Skin protection: If skin contact is likely wear impervious protective clothing.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

State: Liquid

Colour: Pale yellow

Odour: Characteristic odour

Evaporation rate: Moderate

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Viscosity value: <7cSt

Viscosity test method: Kinematic viscosity in 10-6 m<sup>2</sup>/s at 40°C (ISO 3104/3105)

Flash point°C: 40

Relative density: 0.848

## **10. STABILITY AND REACTIVITY**

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes.

## **11. TOXICOLOGICAL INFORMATION**

Hazardous ingredients: 1,2,4-TRIMETHYLBENZENE

IPR RAT LDLO 1752 mg/kg

ORL RAT LD50 5 gm/kg

- XYLENE

ORL MUS LD50 2119 mg/kg

ORL RAT LD50 4300 mg/kg

SCU RAT LD50 1700 mg/kg

- LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

ORL RAT LD50 8400 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## **12. ECOLOGICAL INFORMATION**

Mobility: Readily absorbed into soil. Floats on water.

Persistence and degradability: Substance can rapidly degrade in air and is expected to be readily biodegradable according to OECD guidelines.

Bioaccumulative potential: There is no evidence to suggest that bioaccumulation will occur.

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

## **13. DISPOSAL CONSIDERATIONS**

Disposal operations: Dispose of via an authorised person / licensed waste disposal contractor in accordance with local regulations.

R8 Oil re-refining or other re-uses of oil.

Disposal of packaging: May be reused following decontamination.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

#### **14. TRANSPORT INFORMATION**

ADR / RID

UN no: 1993 ADR Class: 3

Packing group: III Classification code: F1

Shipping name: FLAMMABLE LIQUID, N.O.S.

Labelling: 3 Hazard ID no: 30

IMDG / IMO

UN no: 1993 Class: 3

Packing group: III EmS: F-E,S-E

Marine pollutant: Y Labelling: 3

IATA / ICAO

UN no: 1993 Class: 3

Packing group: III Packing instructions: 309(P&CA); 310(CAO)

Labelling: 3

#### **15. REGULATORY INFORMATION**

Hazard symbols: Harmful.

Dangerous for the environment.

Risk phrases: R10: Flammable.

R38: Irritating to skin.

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

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases: S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

S43: In case of fire, use foam, dry powder, carbon dioxide or water fog. Do not use water jets.

S57: Use appropriate container to avoid environmental contamination.

S24/25: Avoid contact with skin and eyes.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

#### **16. OTHER INFORMATION**

Risk phrases used in s.2: R10: Flammable.

R20: Harmful by inhalation.

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

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

R20/21: Harmful by inhalation and in contact with skin.

R38: Irritating to skin.

R12: Extremely flammable.

R65: Harmful: may cause lung damage if swallowed.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.