

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

Product name: EXTRACURE R90 AL

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

Company name: Adomast Building Chemicals Ltd

Unit G

Lea Road Trading Estate

Waltham Abbey

Essex

EN9 1AE

Tel: 01992 710684

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: XYLENE 1-10%

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

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

- CUMENE <1%

EINECS: 202-704-5 CAS: 98-82-8

[-] R10; [Xi] R37; [N] R51/53; [Xn] R65

- MESITYLENE 1-10%

EINECS: 203-604-4 CAS: 108-67-8

[-] R10; [Xi] R37; [N] R51/53

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

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

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

- STRAIGHT RUN Kerosine - Solvent Naphtha (Petroleum), Medium Aliph.

30-50%

EINECS: 265-191-7 CAS: 64742-88-7

[Xn] R65; [Xi] R38; [N] R51/53

- Solvent Naphtha (Petroleum) Light Aromatic 10-30%

CAS: 64742-95-6

[Xn] R65; [Xi] R66; [-] R67; [N] R51/53

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.

Other hazards: Flammable.

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/m³

Hazardous ingredients: XYLENE

WEL (8 hr exposure limit): 220 mg/m³ WEL (15 min exposure limit): 441 mg/m³

- CUMENE

WEL (8 hr exposure limit): 125 mg/m³ WEL (15 min exposure limit): 250 mg/m³

- MESITYLENE

WEL (8 hr exposure limit): 25 ppm

- 1,2,4-TRIMETHYLBENZENE

WEL (8 hr exposure limit): 100 mg/m³ WEL (15 min exposure limit): 200 mg/m³

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: Silver

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 m²/s at 40°C (ISO 3104/3105)

Flash point°C: 40

Relative density: 0.850

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: XYLENE

ORL MUS LD50 2119 mg/kg

ORL RAT LD50 4300 mg/kg

SCU RAT LD50 1700 mg/kg

- CUMENE

ORL MUS LD50 12750 mg/kg

ORL RAT LD50 1400 mg/kg

- MESITYLENE

IPR GPG LDLO 1303 mg/kg

- 1,2,4-TRIMETHYLBENZENE

IPR RAT LDLO 1752 mg/kg

ORL RAT LD50 5 gm/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: Dangerous for the environment.

Harmful.



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.

Safety phrases: S24/25: Avoid contact with skin and eyes.

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.

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

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.

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

R38: Irritating to skin.

R37: Irritating to respiratory system.

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

R65: Harmful: may cause lung damage if swallowed.

R20: Harmful by inhalation.

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

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

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.