

SAFETY DATA SHEET

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

Product name: RESOMAST COMPOUNDS

Company name: Adomast Manufacturing Ltd

Engine Lane, Shafton, Barnsley, S72 8SP Tel: 01226 707863

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: STYRENE 10-30% EINECS: 202-851-5 CAS: 100-42-5 [-] R10; [Xn] R20; [Xi] R36/38

3. HAZARDS IDENTIFICATION

Main hazards: Flammable. Harmful by inhalation. Irritating to eyes and skin.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

4. FIRST AID MEASURES (SYMPTOMS)

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

Eye contact: There may be irritation and redness. Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Drowsiness or mental confusion may occur.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

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

Ingestion: 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. If conscious, ensure the casualty sits or lies down. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

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.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area.

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Keep away from direct sunlight. Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure limits WEL (8 hr exposure limit): 430 mg/m³ WEL (15 min exposure limit): 1080 mg/m³

Hazardous ingredients: STYRENE

WEL (8 hr exposure limit): 430 mg/m³ WEL (15 min exposure limit): 1080 mg/m³

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

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves. Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid Colour: Gold-brown

Odour: Characteristic odour

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble Also soluble in: Most organic solvents.

Viscosity: Viscous

Flammability limits %: lower: 1.1 upper: 6.1 Flash point°C: 32

Relative density: 1.5

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Stable at room temperature.

Conditions to avoid: Direct sunlight. Sources of ignition. Flames.

Materials to avoid: Oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: RESOMAST RESIN IVN MUS LD50 90 mg/kg ORL MUS LD50 316 mg/kg

ORL RAT LD50 2650 mg/kg

Hazardous ingredients: STYRENE IVN MUS LD50 90 mg/kg ORL MUS LD50 316 mg/kg

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Chronic toxicity: Danger of serious damage to health by prolonged exposure through inhalation.

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

12. ECOLOGICAL INFORMATION

Mobility: Insoluble in water. Heavier than water.

Persistence and degradability: Not biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal operations: D1 Tipping above or underground (e.g. landfill, etc.).

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: 3269 ADR Class: 3 Packing group: II Classification code: F1

Shipping name: POLYESTER RESIN KIT Labelling: 3

IMDG / IMO

UN no: 3269 Class: 3 Packing group: II EmS: F-E,S-D

Marine pollutant: . Labelling: 3

IATA / ICAO UN no: 3269 Class: 3

Packing group: II Packing instructions: 312

Labelling: 3

15. REGULATORY INFORMATION

Hazard symbols: Harmful.

Risk phrases: R10: Flammable.

R20: Harmful by inhalation.

R36/38: Irritating to eyes and skin.

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

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.