

SAFETY DATA SHEET

RESOMAST MANHOLE LEVELLER

1.00 IDENTIFICATION OF COMPOUND **RESOMAST**
MANHOLE LEVELLER: Twin pack products containing a resin and activated filler

1.10 IDENTIFICATION OF MANUFACTURER
Adomast Building Chemicals Ltd.
Unit G, Lea Road Trading Estate, Waltham Abbey, Essex EN9 1AE
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2.00 COMPOSITION/INFORMATION ON INGREDIENTS
Resin Component Contains:

Chemical name	CAS No	Concentration(%w/w)	Hazard Symbol
Styrene	100-42-5	< 50%	Xn

Risk Phrases 20: Harmful by inhalation. 36/38: Irritating to eyes and skin.
Filler Component Contains:

Chemical name	CAS No	Concentration(%w/w)	Hazard Symbol
Dibenzoyl peroxide	94-36-0	< 1%	Xi

Risk Phrases 36: Irritating to the eyes. 43: May cause sensitisation by skin contact.

3.00 HAZARDS IDENTIFICATION
Resin component - Harmful by inhalation. Irritating to eyes and skin. Flammable. Polymerises violently. Marine pollutant. **Filler component** - May cause sensitisation by skin contact. May be irritating to the eyes. May cause fire.

4.00 FIRST AID MEASURES
Eyes: Flush eyes with copious amounts of water. Seek medical advice.
Skin: Remove contaminated clothing, taking care not to contaminate unaffected areas. Wash skin with soap and water. Seek medical advice. **Inhalation:** If inhalation of high concentrations of vapour or dust should occur, remove victim from exposure. Obtain medical attention. **Ingestion:** Do not induce vomiting. Wash out mouth with water, give 200-300 ml of water to drink and seek medical attention.

5.00 FIRE FIGHTING MEASURES
Extinguishing Media: Dry powder, foam, water fog. **Unsuitable Extinguishing Media:** Water jets, halones. **Special Hazards:** Drums and other containers of product exposed to fire may explode. These may be cooled with water spray/fog equipment. May emit toxic fumes and vapours on combustion. **Special protective equipment:** Wear suitable clothing to prevent eye/skin contact occurring. Wear suitable breathing apparatus.

6.00 ACCIDENTAL RELEASE MEASURES
Personal Precautions: Consider need for evacuation. Eliminate all sources of ignition. Wear full protective clothing and goggles. The use of breathing apparatus in confined spaces is recommended. Beware of vapours accumulating to form explosive mixtures. **Environmental Precautions:** Do not allow product to enter drains or water courses. Advise local authorities if this is not possible. **Clean Up Methods:** *Resin* - Recover all spillages using absorbent materials. *Filler* - Sweep or vacuum up. Dampen down with water if possible to avoid creating dust.

7.00 HANDLING AND STORAGE
Handling: Avoid contact with eyes/skin. Avoid dust generation. Do not breathe vapour/dust. Provide adequate ventilation, including local extraction if necessary. Use appropriate breathing apparatus if this is not possible. Keep products and emptied containers away from heat and sources of ignition. **Storage:** Store in a dry, well ventilated area. Protect containers from heat. Keep containers closed and dry when not in use. Do not store near food and drink.

8.00 EXPOSURE CONTROLS/PERSONAL PROTECTION
Resin component contains: Styrene
LTEL: 430mg/m³ 8hr TWA STEL: 1080mg/m³ 15 min STEL
Filler component contains: Dibenzoyl peroxide LTEL: 5mg/m³ 8hr TWA
Good working practice suggests that full body protective clothing should be worn when handling this product. Wear suitable breathing apparatus in confined or poorly ventilated spaces if local exhaust ventilation is not possible.

9.00 PHYSICAL AND CHEMICAL PROPERTIES
Resin component:
Form: Viscous liquid **Colour:** Amber **Odour:** Sweet aromatic
Flash Point (°C): >30 **Relative density:** 1.08 **Water Solubility:** Insoluble
Filler component: **Form:** Powder **Colour:** Grey or brown

10.00 STABILITY AND REACTIVITY
Conditions to avoid: Do not leave containers open when not in use. Protect from high temperatures. **Materials to avoid:** **Resin component** - Oxidising agents, mineral acids, alkalis, phosphorous pentoxide, peroxides, metal halides. **Filler component** - Acids, alkalis, heavy metals, reducing agents, rust. **Hazardous decomposition products:** Toxic fumes and vapours may be produced upon

thermal decomposition of the product including: *Resin* - Oxides of carbon and smoke. *Filler* - Benzoic acid, benzene and phenyl benzoate

11.00 TOXICOLOGICAL INFORMATION
Inhalation: *Resin* - Exposure to styrene at concentrations equal to the LTEL may result in: irritation of nose, throat and respiratory tract, fatigue and drowsiness. Higher concentrations will have the following effects: severe irritation of nose, throat and respiratory tract, CNS depression, loss of consciousness, coma and death. *Filler* - Prolonged exposure to dust can give rise to fibrosis of the lungs (Silicosis) **Skin contact:** *Resin* - May cause irritation. Repeated or prolonged exposure may cause dermatitis. *Filler* - Unlikely to cause irritation.
Eye Contact: *Resin* - Exposure to styrene at concentrations equal to the LTEL and above will cause conjunctival irritation. Concentrations six times above the LTEL may cause corneal damage. *Filler* - May cause irritation. **Ingestion:** *Resin* - Swallowing may result in irritation of mouth, throat and digestive tract. A large dose may result in headache, nausea, vomiting and loss of consciousness. Aspiration during swallowing or vomiting may severely damage the lungs. *Filler* - May result in mild irritation of digestive tract.

12.00 ECOLOGICAL INFORMATION
Mobility: The components are insoluble with water and are expected to have low mobility in soil. **Degradability:** Most components are not biodegradable. **Accumulation:** Styrene may cause tainting to fish and shellfish. **Ecotoxicity:** Styrene is slightly toxic to aquatic species. Advise appropriate authorities of spillage into surface water or water courses.

13.00 DISPOSAL CONSIDERATIONS
Resin - Disposal of product and contaminated containers by incineration in accordance with local, state or national regulations only after taking specialist advice. *Filler* - Disposal of product and contaminated containers by landfill in accordance with local, state or national regulations. Reacted components may be treated as low hazard waste.

14.00 TRANSPORT INFORMATION
UN No: 3269 **Proper Shipping Name:** Polyester Resin Kit
Class/Packing Group: 3/III **HAZCHEM Code:** N/A
ADR/RID Item No: 31 (°C) **ADR/RID Hazard ID No:** N/A

15.00 REGULATORY INFORMATION
Classification: Harmful **Hazard symbol:** Xn
Risk Phrases: R20: Harmful by inhalation. R36/38: Irritating to eyes and skin. R43: May cause sensitisation by skin contact.
Safety Phrases: S22: Do not breathe dust. S23: Do not breathe fumes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S33: Take precautionary measures against static discharges. S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

16.00 OTHER INFORMATION
Every effort has been made to ensure that the information contained in this safety data sheet is reliable but we cannot accept any liability for any loss, injury or damage that may result from use of the product. This information does not constitute assessment of risk as required by health and safety legislation. Data given in this safety data sheet are solely for guidance in safe handling and use of the product by customers; they do not form part of any specification.