

1. Identification of the Product and Company

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Product Name: Screencare UV Windscreen Repair Pit Fill Resin - PR90
Product Type: Ultra Violet light curing development product Windscreen repair pit filler.

2. Composition Information

Ingredients	% by weight	Hazard Symbol	R Phrases
Urethane Acrylate oligomer	<40%	Irritant	36/38
Methacrylate	<40%	Irritant	36/37/38

3. Hazards Identification

Classification (CPL) Irritant
Main Health Hazards: May cause irritation to eyes, respiratory system and skin.

4. First Aid Measures

Inhalation: Remove subject to fresh air. Rest in a half upright position and loosen clothing. Administer artificial respiration as necessary. If condition does not improve and in serious cases, seek medical attention.
Skin Contact: Wash immediately with plenty of soap and water. Consult doctor if irritation persists.
Eye contact: Flush eyes immediately with copious quantities of water for at least 15 minutes, with the eyelids held open. Seek prompt medical advice if irritation develops.
Ingestion: Do not induce vomiting. Rinse mouth out with water. If conscious, give subject plenty of water to drink. Seek medical attention immediately.

5. Fire-Fighting Measures

Extinguishing media: Water mist, foam and dry powders.
Combustion Products: CO, carbon dioxide, traces of phenyl derivatives and oxides if nitrogen.
Special protective Equipment for Fire fighters: For large fires the local fire brigade must be called. Self contained breathing apparatus and protective clothing must be worn.

6. Accidental Release Measures

Personal protection: Contact with skin and eyes and inhalation of vapours to be strictly avoided. Wear respiratory equipment, gloves/ goggles and complete impervious clothing.
Environmental Precautions: Do not allow entry into sewers or natural environments.
Workplace Precautions: Adequate workplace ventilation necessary. Suction exhaust of vapours at source recommended. Safety shower and eyewash should be close by.

Methods for Cleaning Up: Evacuate area, limit access. Maximise ventilation. Contain spillage with sand or earth. Material will harden in sunlight. Mechanically remove hardened product to closed, labelled containers for disposal.

Wash area with plenty of soap solution.

Disposal considerations: In accordance with local authority regulations.

Controlled incineration by an approved contractor.

Do not allow entry into sewers or natural environments.

7. Handling and Storage

Handling Precautions: Ensure adequate ventilation. Wear suitable protective clothing.

Avoid contact with skin and eyes. Avoid inhalation of vapour. High standards of industrial hygiene are necessary.

Storage: Store upright in original containers in a cool dry, well ventilated place. Protect from high temperatures, ignition sources and sunlight. Store at temperatures preferably 5 - 20°C.

Shelf Life: Approximately 6 – 12 months under proper storage conditions. Refrigeration may prolong shelf life.

8. Exposure Controls and Personal Protection

Ventilation: Good ventilation is required. Suction exhaust of vapours at source is recommended.

Respiratory protection: In emergencies/ confined spaces/ high concentrations use self contained breathing apparatus. Do not use masks/respirators in confined spaces due to lack of oxygen.

Eye Protection: Safety glasses or goggles are recommended.

Hand Protection: Neoprene gloves or chemical resistant gloves are recommended.

Skin Protection: Impervious overalls are recommended when large quantities of product are involved.

9. Physical and Chemical Properties

Form: Low viscosity, clear liquid

Colour: Clear, colourless

Odour: Methacrylate

Melting point: N/D

Oxidising Properties:

Vapour pressure

Of principle Component and name: Negligible

Relative density: @ 25°C Approx 1.1

Solubility in water: Negligible

Viscosity: @25°C Approx 500mPas

Refractive index: 1,4785

Flash Point: 97 ± 1.5°C

10. Stability and Reactivity

Conditions to avoid: High temperature. Sunlight/ radiations. Ignition sources/ static discharges. Contamination.

Materials to avoid: Polymerisation catalysts such as free radicals and their precursors, peroxides, radiations, strong bases, oxidants, mineral acids and transition metals.

Hazardous decomposition products: CO, carbon dioxide, traces of phenyl derivatives and oxides of nitrogen.

Hazardous polymerisation: May occur. Conditions to avoid: Sunlight, prolonged heating, catalysts and materials as above.

J and S Adhesives Ltd

Material Safety Data Sheet

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