



## MATERIAL SAFETY DATA SHEET

**PRODUCT:** SuperCoat Resin  
**MANUFACTURER:** Tile & Floor Care Chemicals CC  
**MANUFACTURERS ADDRESS:** Cnr. Sam Green & Evergreen Roads  
Greenhills Industrial Estate  
Tunney Ext 7  
Germiston 1401

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### 1. Product Name: SuperCoat Resin

**Physical Form:** Liquid  
**Colour:** Clear  
**Odour:** Solvent Xylene  
**Hazchem Code:** F  
**Hazards:** Flammable.  
May cause eye irritation.  
Harmful if digested or inhaled.

**C.A.S. Chemical Name:** n/a  
**Chemical Family:** Mixture  
**Synonyms:** Solvent based acrylic resin  
**Empirical Formula:** n/a  
**Extinguishing Media:** Carbon dioxide, Foam, Dry Chemical or Waterfog

### 2. Composition / Information on hazardous ingredients

Ingredients	Cas No
Xylene	1330-20-7
Methyl Isobutyl Ketone	108-10-1

### 3. Hazard Identification

Flammable. May cause skin irritation. Harmful if digested or inhaled.

### 4. First Aid Measures

**Eye Contact:** Flush eyes with water and seek medical attention.  
**Skin Contact:** Flush with water and remove clothing. Seek medical advice if rash develops.  
**Inhalation:** Remove to fresh air. Seek medical advice if breathing becomes difficult or shallow.  
**Ingestion:** Give 1-2 glasses of water. Do not induce vomiting. Get immediate medical attention.

### 5. Fire Fighting Measures:

**Extinguishing Media:** Carbon dioxide, Foam, Dry chemical or Waterfog  
**Special Hazards:** Vapour accumulation could flash or explode if in contact with open flame.  
**Protective Clothing:** Self contained breathing apparatus.

### 6. Accidental Release Measures

**Personal precautions:** Wear protective clothing as indicated in Section 8  
**Environmental precautions:** Do not discharge to natural water systems  
**Small Spills:** Eliminate ignition sources. Absorb with peatsorb and collect for disposal  
**Large Spills:** Eliminate ignition sources. Contain and pump to storage. Absorb residue with peastrob

### 7. Handling and Storage

**Suitable Material:** Store in original containers. Ensure areas are bunded to avoid spill run off  
**Precautions:** Avoid inhalation and skin contact. Store in good ventilated areas.

### 8. Exposure Controls/Personal Protection

**Occupational Exposure Limits:** TLV: 100ppm, STEL: 651mg/m<sup>3</sup>  
**Engineering Control Measures:** Ventilation required. Equipment must be fire proof. No ignition source.  
**Personal Protection - respiratory:** Wear approved respirators when permissible limits are exceeded  
**Personal Protection - hand:** Neoprene gloves  
**Personal Protection - eye:** If splashing probable, wear chemical resistant goggles  
**Personal Protection - skin:** Apron, closed shoes, overalls  
**Other Protection:** Apron, boots, overalls, to prevent skin contact.

### 9. Physical and Chemical Properties

**Colour:** Clear  
**State:** Liquid  
**Odour Characteristic:** Solvent Xylene  
**pH:** n/a  
**Boiling Point:** >120°C  
**Melting Point:** n/a  
**Flash Point:** 20-30°C  
**Flammability:** Yes  
**Autoflammability:** Not expected  
**Explosive Properties:** Vapour  
**Oxidising Properties:** None  
**Vapour Pressure:** Not Known  
**Density:** 0.85  
**Solubility - water:** No  
**Solubility - solvent:** Yes  
**Solubility - coefficient:** Not Known  
**Neurotoxicity:** None

#### 10. Stability and Reactivity

**Conditions To Avoid:** Heat, ignition sources, flame, static buildup  
**Incompatible Materials:** Strong oxidising agents, active metals, halogen, acids  
**Hazardous Decomposition Products:** Carbon monoxide and Carbon dioxide

#### 11. Toxicological Information:

**Acute toxicity:** Oral Rat LD50 4.3g/kg (Xylene)  
**Skin and eye contact:** Skin Rabbit LD50 >2g/kg (Xylene)  
**Chronic toxicity:** No adverse effects reported.

#### 12. Ecological Information:

**Aquatic toxicity - fish:** Toxic  
**Aquatic toxicity - daphnia:** Toxic  
**Aquatic toxicity - algae:** Toxic  
**Biodegradability:** Not Known

#### 13. Disposal Considerations:

**Disposal Method Product:** Dispose fo as chemical waste at approved landfill sites.  
**Disposal Method Packaging:** Rinse and recycle or dispose of at approved landfill sites.

#### 14. Transport Information:

**UN No:** UN 1993  
**IMDG - shipping name:** Flammable Liquid, N.O.S.  
**IMDG - class:** Class 3  
**IMDG - packaging group:** III  
**IMDG - marine pollutant:** Yes  
**IMDG - EMS no:** Not available

#### 15. Regulatory Information:

**EEC Hazard Classification:** F  
**Risk Phrases:** R10, R22, R42/43  
**Safety Phrases:** S24/25

#### 16. Other Information:

The information contained herein is based on the present state of our knowledge.  
It characterizes the product with regard to the appropriate safety precautions.  
It does not represent a guarantee of the properness of the product.