



# Ultra-Rez Epoxy Acrylate Resin

## Safety Data Sheet

(17<sup>th</sup> April 2012)

(version 1)

### Product Identification

**Trade Name:** Epoxy Acrylate Styrene Free Resin.  
**Description:** A chemical anchoring application.

### Hazardous Ingredients

| Component          | EINECS    | CAS Number | CHIP Classification                   | Percent |
|--------------------|-----------|------------|---------------------------------------|---------|
| Vinyl Toluene      | 246-562-2 | 25013-15-4 | R10; Xn: R20; Xi: R36/37/38           | 10-20%  |
| Dibenzoyl Peroxide | 202-327-6 | 94-35-0    | [E] R3; [O] R7; [Xi] R36; [Sens.] R43 | <1%     |

### Hazard Identification

**Hazard:** No significant hazard.  
**PBT:** This substance is not identified as a PBT substance.

### Most Important Symptoms And Effects

**Skin Contact:** There may be irritation and redness at the site of contact.  
**Eye Contact:** There may be irritation and redness.  
**Ingestion:** There may be loss of consciousness.  
**Inhalation:** There may be loss of consciousness.  
**Delayed/Immediate Effects:** Not applicable.

### First Aid Measures

**After Eye Contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.  
**After Skin Contact:** Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.  
**After Ingestion:** If conscious, give half a litre of water to drink immediately. Do not induce vomiting. Consult a doctor.  
**After Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

### Accidental Release Measures

**Personal Precautions:** Refer to Expose Control/Personal Protection section of this sheet.  
**Environmental Precautions:** Do not discharge into drains or rivers.  
**Clean-Up Procedures:** Transfer to a suitable container. Wash the area with water.  
**Reference to Other Sections:** Refer to Waste Disposal section of this sheet.



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### Exposure Control/Personal Protection

#### Control Parameters:

Workplace Exposure Limits: Not applicable.

#### Engineering Measures:

Ensure all engineering measures mentioned in the Handling and Storage section of this Safety Data Sheet are in place.

#### Respiratory Protection:

Breathing protection is required in inadequately ventilated places. Gas/vapour filter, type A: organic vapours (EN141).

#### Hand Protection:

Protective gloves.

#### Skin Protection:

Protective clothing.

#### Eye Protection:

Safety glasses.

#### Environmental:

Ensure all engineering measures mentioned in the Handling and Storage section of this Safety Data Sheet are in place.

### Stability and Reactivity

#### Reactivity:

Stable under recommended transport or storage conditions.

#### Chemical Stability:

Stable under normal conditions. May polymerise on heating.

#### Conditions to Avoid:

Heat.

#### Materials to Avoid:

Reducing agents. Amines. Acids. Alkalis. Heavy metal compounds. Organic peroxide.

#### Hazardous Reactions:

Hazardous reactions will not occur under normal transport or storage conditions.

**Hazardous Decomposition Products:** If exposed to high temperatures it will emit hazardous fumes and smoke.

### Fire Fighting Measures

#### Extinguishing Media:

Suitable extinguishing media for the surrounding fire should be used. Dry chemical powder. Carbon Dioxide. Do not use halons.

#### Exposure Hazards:

Sealed, heated containers can pressurise leading to explosion.

#### Advice for fire-fighters:

Wear self contained breathing apparatus.

### Ecological Information

#### Ecotoxicity Values:

Not applicable.

#### Persistence:

Expected to biodegrade in a waste water treatment plant.

#### Mobility in Soil:

Insoluble in water.

#### Bio-Accumulative:

Bioaccumulation in organisms is not expected.

#### PBT Identification:

This substance is not identified as a PBT substance.

#### Other Adverse Effects:

No data available.



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### Toxicological Information

|                                   |   |
|-----------------------------------|---|
| <b>Toxicity Values:</b>           | Not applicable.   |
| <b>Inhalation:</b>                | There may be loss of consciousness.                         |
| <b>Skin Contact:</b>              | There may be irritation and redness at the site of contact. |
| <b>Eye Contact:</b>               | There may be irritation and redness.                        |
| <b>Ingestion:</b>                 | There may be loss of consciousness.                         |
| <b>Delayed/Immediate Effects:</b> | Not applicable.   |

### Physical and Chemical Properties:

|                               |                                      |
|-------------------------------|--------------------------------------|
| <b>Physical Form:</b>         | Paste.                               |
| <b>Colour:</b>                | Various.                             |
| <b>Odour:</b>                 | Characteristic odour.                |
| <b>Oxidising:</b>             | Oxidising (by EC criteria).          |
| <b>Solubility in Water:</b>   | Insoluble.                           |
| <b>Flammability Limits %:</b> | <b>lower:</b> 1.1 <b>Upper:</b> 5.2. |
| <b>Flash Point °C:</b>        | 52                                   |
| <b>Relative Density:</b>      | 1.56                                 |
| <b>VOC g/l:</b>               | 1.85                                 |

### Regulatory Information

|  |   |
|--|---|
| <b>Labelling:</b>                        | No significant hazard.  |
| <b>Safety Phrases:</b>                   | S2: Keep out of the reach of children    S24: Avoid contact with skin    S37: Wear suitable gloves.     |
| <b>Precautionary Phrases:</b>            | Contains dibenzoyl peroxide. May produce an allergic reaction.  |
| <b>Safety, Health and Environmental:</b> | Not applicable.   |
| <b>Chemical Safety Assessment:</b>       | A chemical safety assessment has not been carried out for the substance or the mixture by the supplier. |

### Transport Information

|                         |   |
|-------------------------|---|
| <b>Transport Class:</b> | This product is not classified for transport. |
|-------------------------|---|

### Handling and Storage

|                               |   |
|-------------------------------|---|
| <b>Handling Requirements:</b> | Keep away from heat and sources of ignition.  |
| <b>Storage Conditions:</b>    | Ensure lighting and electrical equipment are not a source of ignition. Store in cool, well ventilated area. |
| <b>Suitable Packaging:</b>    | Must only be kept in original packaging.  |
| <b>Specific End Use(s):</b>   | Building and construction work (SU19).  |



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### Waste Disposal

|                               |   |
|-------------------------------|---|
| <b>Disposal Operations:</b>   | Transfer to a suitable container and arrange for collection by specialised disposal company. Small quantities of the product can be mixed and allowed to cure, then can be disposed as solid waste. |
| <b>Waste Code Number:</b>     | 08 04 12  |
| <b>Disposal of Packaging:</b> | Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.  |
| <b>NB:</b>                    | The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.   |

### Other Information

|                                   |   |
|-----------------------------------|---|
| <b>Other Information:</b>         | This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.<br>Active Oxygen Content of Catalyst Component 0.99%. |
| <b>Phrases Used in s.2 and 3:</b> | R10: Flammable. R20: Harmful by inhalation. R36/37/38: Irritating to eyes, respiratory system and skin.   |

### Disclaimer

The information in this document is offered for general health and safety guidance only and is not intended to be a definitive source of advice, nor does it constitute a risk assessment, for which the user is responsible. All information provided in this document is believed to be accurate to the best of our knowledge. Users of the products referred to should observe the recommendations, conditions and instructions relating to any relevant product label, usage information, consent or approval in force at the time. Further and more specific information may be obtained from the supplier on request (small fee may be required for this service). This company shall not be held liable for any damage resulting from handling or from contact with the above product.