

Material Safety Data Sheet



OCI® Fastset 4 Minutes Clear Epoxy

Section 1: Product & Company Identification

Product Name:	FASTSET 4 MINUTES CLEAR EPOXY
Company:	OCI® Americas, Inc.

Office

8011 NW 68th Street
Miami, FL 33166
USA

Telephone: 305-463-5311
Fax: 305-463-5310

Section 2: Composition/Information on Ingredients

Chemical Name	CAS NO.	Hazard
Diphenylolpropane (DPP) Epoxy Resin	80-05-7	None currently known
Polyamines	904610-0	Irritant
Tris-2-4-6- (Dimethylaminomethyl) Phenol	90-72-2	Harmful in contact skin and if swallowed. Irritant
Bis (Dimethylaminomethyl)- Phenol	71074-89-0	Harmful in contact skin and if swallowed. Irritant

Section 3: Hazards Identification

May cause sensitisation by skin contact - irritating to eyes, respiratory system and skin.
Harmful by inhalation, in contact with skin and if swallowed.

Section 4: First-Aid Measures

Inhalation:	Remove to fresh air, keep warm and at rest.
Skin Contact:	Remove contaminated clothing . Rinse with water and use a proprietary skin cleaner immediately.
Eyes Contact:	Contact lenses should be removed . Rinse with plenty of water immediately, seek medical advice if necessary.
Ingestion:	Seek medical advice immediately. DO NOT induce vomiting.

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Section 5: Fire-Fighting Measures

Suitable extinguishing media:	Use Dry Chemical Powder, Foam, Carbon Dioxide, Water Fog, sand or Earth
Unsuitable extinguishing media:	Do not use Water in A Jet

Section 6: Accidental Release Measures

- Exclude sources of ignition and ventilate the area.
- Exclude non-essential personnel. Avoid breathing vapours.
- Collect spillages mechanically and store in suitable covered container.

Section 7: Handling & Storage

Handling:	Ensure good ventilation during processing.
Protection against fire / explosion:	General rules of fire prevention should be observed.
Storage:	Keep container tightly closed and dry. Store in a well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Industrial hygiene:	Remove immediately all contaminated clothing. Do not inhale vapours.
Hand protection:	Suitable protective gloves
Eye protection:	protective goggles

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Section 9: Physical & Chemical Properties

4 mins Epoxy Resin:

- Form: viscous liquid
- Colour: pale yellow
- Viscosity (30°C) : 6000 - 8000 cps
- Density : 1.16 Kg/l
- Boiling point : >200°C
- Epoxy Molar Mass : 182 - 194g
- Flash point : > 150°C
- Auto-Ignition Temp : >300°C
- Melting point / range : Viscous liquid at ambient temperature
(Pure diglycidylether of diphenylpropane melts at 43 °C)
- Freezing Point : Crystals sometimes separate at room temperature
- Incompatibilities : Reacts with acids and bases
- Solubility in solvents other than water : Readily soluble in various organic solvents
- Solubility in water : Ca. 9E+00 mg/l at 23 °C. Immiscible

4 mins Epoxy Hardener:

- Form: viscous liquid
- Colour: light yellowish
- Viscosity (30°C) : 10,000 - 15,000 cps
- Density : 1.13 Kg/l
- Mercaptan hydrogen equivalent weight : 270
- Flash point : 257°C
(Cleveland open cup ASTM-D92)

Section 10: Stability & Reactivity

Hazardous decomposition products:	None
Hazardous reactions:	No dangerous reaction known

Section 11: Toxicological Information

Skin:	May cause sensitisation
Eyes:	Possibly irritating

Section 12: Ecological Information

Large quantities of product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface water.

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Section 13: Disposal Considerations

Do not allow large quantities to enter the drains or water courses or dispose of where ground or surface waters may be affected. Residues in emptied containers should be covered and should be disposed of in accordance with regulations made under the control of Pollution & Environmental Protection Acts.

Section 14: Regulatory information

The product is classified and labeled for supply in accordance with the Classification Of Hazardous Chemical. Regulations as follow.

Classification	Harmful Irritant to skin
R-phrases 43 36/38 51/53	May causes sensitization by skin contact. Irritant to skin Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
S-phrases: Z 24/25 28 26 27 37 46	Keep out of reach of children. Avoid contact with skin and eyes. After contact with skin, wash immediately with plenty of water In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Take off immediately all contaminated clothing Wear suitable gloves. If swallowed, seek medical advice immediately and show this container or label.

Section 15: Other Information

The information contained in this Safety Data Sheets is based on our present state of knowledge and experience and it provides guidance on health, safety and environmental aspects . We do, however, pass them on without any warranty or property assurances.