

CHE-OXYGLUE-50 Pure Epoxy Chemical Anchor Material Safety Data Sheet

1. Identification of the Preparation and the Company

Product Name: CHE-OXYGLUE-50 Pure Epoxy Chemical Anchor
Product Volume: 400ml (Mixing Ratio: 3:1)
Intended Use: Easy Mixing Mortar packaged with two separate chambers filled with resin and hardener. Both products are mixed in order to form a non-reactive solid material.
Application: Two part adhesive mortar for fastening elements
Company Name: Chevetol
Company Address: 606 B Shapath I, Opp. Rajpath Club, Bodakdev, Ahmedabad-380054, India
Telephone/Fax: +91 90990 29612
E-mail address: info@chevetol.com

2. Composition of Ingredients

Chemical Identity: Resin:
Bis-phenol A type Epoxy < 60% (CAS No. 25068-38-6)
HydrophilicPyrogenic Silica > 20% (CAS NO. 112945-52-5)
Titanium Dioxide < 20% (CAS NO. 13463-67-7)
Hardener:
Modified Polyamine Derivative < 60% (CAS No. Not list)
HydrophilicPyrogenic Silica > 25% (CAS NO. 112945-52-5)
Talc Powder < 10% (CAS No. 14807-96-6)
Fe₂O₃ > 5% (CAS No. 1309-37-1)

3. Hazards Identification

Hazard description: A Xi Irritant
B Xi Irritant
Specific hazards: Harmfully by inhalation
Irritating to eyes and skin

4. First Aid Measures

Inhalation: Move from area to fresh air, seek medical attention if respiratory initiation develops or if breathing becomes difficult.
Skin contact: Remove contaminated clothing immediately. Wash contaminated areas with plenty of water and soap and rinse with water. Do not use any solvent. Seek medical attention if irritation develops or persists.
Eye contact: Flush with plenty of clean water for 10-15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. If swallowed, drink plenty of water. Seek medical attention immediately.

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5. Fire Fighting Measures

Suitable extinguishing media:	Foam, water spray, carbon dioxide (CO ₂), dry powder extinguisher
Not suitable extinguishing Media:	Direct water jet
Exposure hazards:	Avoid breathing vapours and fumes. Toxic fumes formed during decomposition (carbon oxides) may cause severe health hazard. Contact with combustible material may cause fire.
Special protective equipment:	Self-contained breathing apparatus may be required for serious fires.

6. Accidental Release Measures

Personal protection:	Suitable protective clothing (overalls), rubber or plastic coated gloves, eye/face protection are advised. Do not breathe vapours. Keep away from sources of ignition. Evacuate non-essential staff and those not equipped with above mentioned protections.
Environmental protection:	Do not empty into drains and water course. If substance has entered a water course, lake or sewer or contaminated soil or vegetation, advise the responsible authority according to local regulations.
Clean up procedures:	Shovel into a suitable close container.

7. Handling and Storage

Handling:	Provide good ventilation of the workroom. Keep work clothes separate. Avoid contact with skin or eyes. Do not smoke. Keep away from heat source of ignition as well as from open fire.
Storage:	Store in dry and cool conditions away from direct sunlight or strong oxidizers. Keep cartridge tightly sealed in the original package at temperature 5 to 25°C.

8. Exposure Control / Personal Protection

Protective provisions:	Provide good ventilation of the workroom.
Personal protective Equipment:	Respiratory protection: Not required. Hand protection: Wear rubber or plastic coated gloves, however due to its concept of packaging, the material unmixed should not be in contact with skin. Eyes protection: Safety glasses/goggles or face shield advised, particularly when work overhead. Skin protection: Wear suitable protective clothing. Wash hand after each work period and before eating.

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9. Physical and Chemical Properties

Appearance: Putty
Color: Resin: light brown, Hardener: Reddish (400ml)
Odor: Little
Danger of explosion: No
Water: Insoluble

10. Stability and Reactivity

Condition to avoid: Extreme of temperature exceeding 35°C, sunlight and UV-rays
Material to avoid: Strong acids, strong bases and strong oxidizing agents
Hazardous decomposition products: By thermal decomposition (CO, CO₂, gases, etc.)

11. Toxicological information

Inhalation: This product has not been tested.
Eye irritation: Unknown
Skin irritation: Unknown
Ingestion: This product has not been tested.

12. Ecological information

Not applicable due to low volumes involved. The package is waterproof and will avoid leakages. In case of an unlikely accident in large volume, do not allow the material enter water course. If water is contaminated, inform the relevant authorities immediately.

13. Disposal considerations

Can be incinerated in compliance with local regulations. Contaminated packaging material should be disposed as identically to the product itself. Non contaminated packaging material should be treated as household waste or as recycling material. Cured material may be considered inert and disposed of as builders waste.

14. Transport information

Classification: UN number: None considered as dangerous goods.
Packing group: None considered as dangerous goods.
ADR / RID: None considered as dangerous goods.
OACI / IATA group: None considered as dangerous goods.
IMDG code: None considered as dangerous goods.

15. Regulatory information

Classification according to EEC Council Directives
Component A: Resin (liquid epoxy, Hydrophilic Pyrogenic Silica)
Symbol: Xi
Classification: irritant
R-Phrase R36/38: Irritating to eyes and skin.
R43: May cause sensitization by skin contact

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	S-Phrase	S24:	Avoid contact with skin
		S26:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
		S28:	After contact with skin, wash immediately with plenty of water and soap.
		S37/39:	Wear suitable protective clothing, gloves and eye/face protection
Component B:	Hardener (modified polyamine derivative)		
	Symbol: Xi		
	Classification: irritant		
	R-Phrase	R20/22:	Harmful by inhalation and if swallowed
		R34:	Cause burns
		R43:	May cause sensitization by skin contact
		R52/53:	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
		R62:	Possible risk of impaired fertility.
	S-Phrase	S1/2:	Keep locked up and out of the reach of children
		S24:	Avoid contact with skin
		S26:	In case of contact with eyes, rinse immediately with plenty of water and see medical advice
		S36/37/39:	Wear suitable protective clothing, gloves and eye/face protection.
		S45:	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. Other information

Recommended use: Refer to the current technical data sheet.

Further information: This product must be handled only by personal well informed of safety conditions. The above information is based on our present knowledge, and is intended to describe the product in terms of health and safety requirements only. No liability is accepted for any injury, loss, and damage or cost arising directly or indirectly from tries. Use of information of this since the customer's treatment of product is necessarily out of our control. The data given above is based upon products is terms of their safety requirements. It does not guarantee the properties of the products described.