



TA C5

Polymer Modified Tile/Stone Adhesive

MSDS Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: TA C5

Product Description: Polymer Modified Tile/Stone Adhesive

Manufacturer/Supplier: **Carbolink India Private Limited**

Address: 105, 1st Floor, Bhavya's Arcade, Above BATA Showroom,
Erragadda, Hyderabad- 500018

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2. Hazards Identification

Classification: Irritant (Xi).

Risk Phrases: R36/38 - Irritating to eyes and skin.

Safety Phrases: S2 - Keep out of the reach of children. S24/25 - Avoid contact with skin and eyes.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

3. Composition/Information on Ingredients

Chemical Composition: Polymer-modified white/grey cement-based adhesive. Contains Portland cement, polymers, and additives. **CAS Number:** Not applicable (mixture).

Hazardous Ingredients: Portland Cement (CAS No. 65997-15-1).

4. First Aid Measures

In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists. For skin contact, wash skin thoroughly with soap and water. Remove contaminated clothing. If irritation persists, seek medical advice. If inhaled, move the person to fresh air. If breathing is difficult, give oxygen and seek medical attention. If ingested, do not induce vomiting. Rinse mouth with water and seek medical attention immediately.

5. Firefighting Measures

Suitable Extinguishing Media: Use dry chemical, CO2, water spray (fog), or foam.

Unsuitable Extinguishing Media: Do not use water jet.

Special Exposure Hazards: Cement-based products may release toxic fumes if exposed to fire.

Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Personal Precautions: Wear appropriate personal protective equipment (PPE) to prevent eye and skin contact.

Environmental Precautions: Prevent the product from entering drains or watercourses.

Methods for Cleaning Up: Sweep up and place in a suitable container for disposal. Avoid creating dust. Dispose of waste according to local regulations.

7. Handling and Storage

Handling: Avoid inhalation of dust and contact with skin and eyes. Use with adequate ventilation.

Storage: Store in a cool, dry place. Keep containers tightly closed when not in use. Protect from moisture.

8. Exposure Controls/Personal Protection

Exposure Limit Values: Portland cement - WEL (8-hour TWA): 10 mg/m³ total inhalable dust, 4 mg/m³ respirable dust.

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment:

Respiratory Protection: Use a dust mask or respirator in poorly ventilated areas.

Hand Protection: Wear protective gloves (e.g., nitrile rubber).

Eye Protection: Wear safety goggles or face shield.

Skin Protection: Wear suitable protective clothing.

9. Physical and Chemical Properties

| | |
|-----------------------|------------------------------------|
| Appearance | Free-flowing powder. |
| Color: | White/Grey. |
| Odor | Odorless |
| PH | 12-13 |
| Boiling Point/Range: | Not applicable |
| Melting Point/Range: | Not applicable |
| Flash Point | Not applicable |
| Flammability | Not flammable |
| Explosive Properties: | None. |
| Oxidizing Properties: | None. |
| Vapor Pressure | Not applicable |
| Relative Density | 1.35 - 1.40 kg/m ³ /mm. |
| Solubility | Slightly soluble in water |
| VOC Content: | 1.12 g/L. |

10. Stability and Reactivity

Stability: Stable under recommended storage and handling conditions.

Conditions to Avoid: Moisture during storage.

Materials to Avoid: Acids, alkalis, and strong oxidizing agents.

Hazardous Decomposition Products: None under normal use conditions.

11. Toxicological Information

Acute Toxicity: May cause irritation to the skin, eyes, and respiratory system.

Skin Contact: Prolonged or repeated contact may cause skin irritation.

Eye Contact: May cause severe irritation and redness.

Inhalation: Dust may cause respiratory irritation.

Ingestion: May cause irritation to the gastrointestinal tract

12. Ecological Information

Ecotoxicity: Not classified as environmentally hazardous.

Mobility: Slightly soluble in water.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: Not expected to bioaccumulate.

Other Adverse Effects: None known.

13. Disposal Considerations

Waste Disposal Methods: Dispose of in accordance with local, state, and federal regulations. Do not allow the product to enter drains, watercourses, or soil.

Contaminated Packaging: Dispose of as unused product

14. Transport Information

UN Number: Not regulated.

UN Proper Shipping Name: Not applicable.

Transport Hazard Class(es): Not classified as hazardous for transport.

Packing Group: Not applicable.

Environmental Hazards: Not classified as environmentally hazardous.

Special Precautions for User: None known.

15. Regulatory Information

Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture: Classified as hazardous according to the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200). Chemical Safety Assessment: No chemical safety assessment has been carried out for this mixture by the supplier.

16. Other Information

This MSDS is prepared based on the information currently available to us. The information provided is believed to be accurate but does not purport to be all-inclusive and shall be used only as a guide. Carbolink India Private Limited shall not be held liable for any damage resulting from handling or from contact with the above product.