



TA C6 Rapid Set

Rapid set Adhesive

MSDS

Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: TA C6 Rapid Set
Product Description: Rapid set Adhesive

Manufacturer/Supplier: **Carbolink India Private Limited**
Address: 105, 1st Floor, Bhavya's Arcade, Above BATA Showroom,
Erragadda, Hyderabad- 500018

Contact Information: +91 9246399551,
info@carbolinkindia.com
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2. Hazards Identification

GHS Classification:

- Skin Irritation: Category 2
- Eye Irritation: Category 2A
- Specific Target Organ Toxicity (Single Exposure): Category 3
- Carcinogenicity: Category 1A (Due to crystalline silica content)

Label Elements:

Pictograms:

Signal Word: Danger

Hazard Statements:

- Causes skin irritation.
- Causes serious eye irritation.
- May cause respiratory irritation
- May cause cancer through prolonged or repeated exposure (inhalation)

Precautionary Statements:

- Avoid breathing dust.
- Wash thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves, protective clothing, eye protection, and face protection.
- If on skin: Wash with plenty of soap and water.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If inhaled: Remove person to fresh air and keep comfortable for breathing.
- If exposed or concerned: Get medical advice/attention.

3. Composition/Information on Ingredients

Chemical Composition:

- Portland Cement: 30-60%
- Quartz (Crystalline Silica): 20-40%
- Calcium Carbonate: 10-30%
- Polymer Additives: 1-5%

4. First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

Skin Contact: Wash with plenty of soap and water. If skin irritation occurs, seek medical advice/attention.

Inhalation: Remove person to fresh air and keep comfortable for breathing. Seek medical attention if symptoms persist.

Ingestion: Rinse mouth. Do not induce vomiting. Seek immediate medical attention.

5. Firefighting Measures

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

Unsuitable Extinguishing Media: None known.

Specific Hazards: Non-combustible, but packaging may burn.

Protective Equipment: Firefighters should wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Personal Precautions: Avoid dust formation. Ensure adequate ventilation. Use personal protective equipment as required.

Environmental Precautions: Do not allow product to enter drains or watercourses.

Methods for Cleaning Up: Sweep up and shovel. Keep in suitable, closed containers for disposal. Avoid creating dust.

7. Handling and Storage

Handling: Use in well-ventilated areas. Avoid breathing dust. Wear suitable protective clothing, gloves, and eye/face protection.

Storage: Store in a cool, dry place. Keep containers tightly closed. Store away from incompatible materials.

8. Exposure Controls/Personal Protection

Exposure Limits:

Portland Cement (CAS 65997-15-1): OSHA PEL: 15 mg/m³ TWA

Quartz (Crystalline Silica) (CAS 14808-60-7): OSHA PEL: 0.1 mg/m³ TWA (respirable fraction)

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

Personal Protective Equipment:

- **Respiratory Protection:** Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.
- **Hand Protection:** Wear protective gloves.
- **Eye Protection:** Safety glasses with side shields or goggles.
- **Skin Protection:** Wear protective clothing.

9. Physical and Chemical Properties

Appearance:	Grey powder
Odor	Odorless
Odor Threshold:	Not applicable
PH	Not available
Melting Point/Freezing Point:	Not applicable
Initial Boiling Point/Boiling Range	Not applicable
Flash Point	Not applicable
Evaporation Rate:	Not applicable
Flammability (Solid, Gas):	Not flammable
Upper/Lower Flammability or Explosive Limits:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density	Not applicable
Relative Density	1.8-2.2 g/cm ³
Solubility:	Slightly soluble in water
Partition Coefficient (n-octanol/water):	Not applicable
Auto-ignition Temperature:	Not applicable
Decomposition Temperature:	Not applicable
Viscosity:	Not applicable

10. Stability and Reactivity

Reactivity: Not reactive under normal conditions.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: None under normal processing.

Conditions to Avoid: Avoid moisture.

Incompatible Materials: Strong acids, strong bases.

Hazardous Decomposition Products: None known.

11. Toxicological Information

Routes of Exposure: Inhalation, skin contact, eye contact, ingestion.

Acute Toxicity:

Portland Cement: May cause irritation to the respiratory system.

Crystalline Silica: Long-term exposure may cause silicosis or lung cancer.

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye irritation. Respiratory or Skin Sensitization: May cause respiratory irritation. **Germ**

Cell Mutagenicity: No data available.

Carcinogenicity:

Crystalline Silica: Classified as a human carcinogen.

Reproductive Toxicity: No data available.

STOT-Single Exposure: May cause respiratory irritation.

STOT-Repeated Exposure: Causes damage to organs through prolonged or repeated exposure.

Aspiration Hazard: Not applicable.

12. Ecological Information

Ecotoxicity: Harmful to aquatic life with long-lasting effects.

Persistence and Degradability: Product is not biodegradable.

Bioaccumulative Potential: Not expected to bioaccumulate.

Mobility in Soil: Low mobility in soil.

Other Adverse Effects: None known.

13. Disposal Considerations

Waste Disposal Methods: Dispose of contents/container in accordance with local/regional/national/international regulations.

Contaminated Packaging: Dispose of as unused product.

14. Transport Information

UN Number: Not regulated

UN Proper Shipping Name: Not regulated

Transport Hazard Class(es): Not regulated

Packing Group: Not regulated

Environmental Hazards: Not applicable

Special Precautions for User: Not applicable

15. Regulatory Information

International Inventories:

- TSCA (USA): All components are listed or exempt.
- DSL/NDSL (Canada): All components are listed or exempt.
- EINECS/ELINCS (Europe): All components are listed or exempt

16. Other Information

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