

Safety Data Sheet
HARD-ROK ANCHORING CEMENT

Created On: 03/10/2015
 Revision Date: 03/01/16
 Version: 3.0

1. Product and Company Identification

Product Name: HARD-ROK ANCHORING CEMENT

Product Use: Anchoring

Company Identification:
 ADHESIVES TECHNOLOGY CORP.
 450 East Copans Road
 Pompano Beach, FL 33064
 Contact Phone: 1.800.892.1880
 (9:00a.m. – 5:00p.m. EST)

Emergency Phone:
 Chem-Tel:
 1.800.255.3924 (24hrs)

2. Hazards Identification

GHS Classification

Health	Physical	Environmental
Skin Irritant Cat 2 Serious Eye Irritation Cat 2A Carcinogen Cat 1A STOT Single Cat 3	Not Classified	Not Classified

GHS Label:

Warning:



Serious Eye Irritation
 Skin Irritant

Emergency Overview

Causes skin irritation
 Causes serious eye irritation
 May cause cancer
 May cause respiratory irritation
 Wash skin thoroughly after handling
 Avoid breathing fume/gas/mist/vapors/spray
 Wear protective gloves/ protective clothing/ eye protection/ face protection
 Use outdoors or in a well-ventilated area

Note: This product causes severe skin burns and eye damage when wet

Primary Route of Exposure

Eyes, skin, oral and inhalation

Carcinogenicity

This product or one of its ingredients present at 0.1% or more IS listed as a carcinogen or suspect carcinogen by NTP, IARC, Prop 65 or OSHA.

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This product contains crystalline silica (quartz sand). IARC has classified crystalline silica as a Group 1 carcinogen. Both IARC and NTP consider silica as a known human carcinogen. Evidence is based on the chronic and long-term exposure workers have had to respirable sized crystalline silica dust particles. Because this product is in liquid or paste form, it does not pose a dust hazard; therefore, **this classification is not relevant.** (Note: sanding of this product will create a possible silica dust hazard)

3. Composition/ Information on Ingredients

<u>CAS Number</u>	<u>Content%</u>	<u>Chemical Name</u>
65997-15-1	15 – 30	Portland Cement
960375-09-1	15 – 30	Calcium Sulfoaluminate Cement
14808-60-7	40 – 60	Crystalline Silica

4. First Aid Measures

Inhalation: Move to fresh air; give oxygen if breathing is difficult. Call a physician if symptoms persist.

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if symptoms persist.

Skin: Remove contaminated clothing. Wash with mild soap and water. Get medical attention if skin irritation or dermatitis persists.

Ingestion: Give plenty of water. DO NOT induce vomiting. Call a physician immediately.

Other: Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure. If sensitization occurs, future contact with the material should be avoided.

5. Fire Fighting Measures

Flash Point: N/A

Flammable Limits: N/A

Extinguisher Media

Carbon Dioxide, Dry Chemical, Water Fog

Unusual Fire and Explosion Hazard

None known. Thermal Decomposition can be formed.

Special Fire Fighting Procedures

Firefighters must wear self-contained breathing apparatus and full protective clothing to prevent contact with toxic and/or irritating fumes.

6. Accidental Release Measures

Personal Precautions:

Avoid all personal contact. In enclosed areas, cleanup personnel should wear self-contained breathing apparatus.

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Environmental Precautions

Cover spills with sawdust, vermiculite, or other absorbent material to minimize spreading of the material before collecting.

7. Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Avoid inhalation of vapors. Use with adequate ventilation. Use appropriate personal protection equipment (Section 8). Wash thoroughly after handling.

Storage: Store in a cool dry place away from direct sunlight. Keep from freezing. Recommended storage temperature range in between 4 °C and 35 °C (40°F and 95° F).

8. Exposure Control and Personal Protection

Exposure Guidelines

Component	CAS#	OSHA PEL	TLV
Portland Cement	65997-15-1	15 mg/m ³	1 mg/m ³
Quartz Silica Sand (Crystalline Silica)	14808-60-7	0.1 mg/m ³	0.025 mg/m ³
Calcium Sulfate	13397-24-5	15 mg/m ³	0.05 mg/m ³

Engineering Measures: Use local and general exhaust ventilation to maintain airborne concentrations below TLV. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it.

Personal Protective Equipment

Respiratory Protection

None normally required. Use a NIOSH approved organic vapor chemical cartridge respirator when air movement is inadequate to control vapor build-up.

Eye/Face Protection

Wear splash proof chemical goggles/ full face shield if there is a potential for splashing.

Skin / Body Protection

Wear Suitable gloves (neoprene, nitrile rubber or PVC) and protective clothing to mitigate exposure.

Other Protective Clothing or Equipment

Use protective clothing which is chemical resistant to this material. Safety shoes and boots should also be chemical resistant.

9. Physical and Chemical Properties

Appearance:	Grey powder
Evaporation Rate:	N/A
Odor:	Cement like
Solubility in Water:	Partial
Specific Gravity:	2.6 – 2.7

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Vapor Density(air = 1):	N/A
Vapor Pressure:	N/A
VOC Content:	VOC: 0 g/L (calculated per SCAQMD RULE 1168)
pH:	N/A
Boiling Point:	N/A

10. Stability and Reactivity

Stability:	Stable
Thermal Decomposition:	Can yield CO, CO ₂ and organic Nitrogen compounds.
Incompatibility:	Strong acids, peroxides, and other oxidizing agents
Conditions to avoid:	Exposure to excessive heat and storage above 35°C (95°F) will shorten shelf life.

11. Toxicological Information

Acute Oral Toxicity:
Not Determined

Acute Dermal Toxicity:
Not Determined

Acute Inhalation Toxicity:
Not Determined

Skin Irritation:
Irritating

The product has not been tested. The statement has been derived from the properties of the individual components.

Note: This product causes severe skin burns and eye damage when wet

Eye Irritation:

Serious irritation to eyes.

The product has not been tested. The statement has been derived from the properties of the individual components.

Note: This product causes severe skin burns and eye damage when wet

Respiratory Irritation:

Inhalation of vapors or mists may cause irritation to the respiratory system.

Sensitization:

May cause allergic skin reaction and irritation to the respiratory system.

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The product has not been tested. The statement has been derived from the properties of the individual components.

Carcinogenicity Classification:

Quartz Silica Sand (Crystalline Silica):

IARC Group1: Known human carcinogen based on human evidence.

NTP (National Toxicology Program) has classified Crystalline Silica as a known human carcinogen.

12. Ecological Information

At the present state of knowledge, no negative ecological effects are expected. Past experiences have shown this material to have no harmful effect on the environment.

13. Disposal Considerations

If the material as supplied becomes a waste, dispose in accordance with federal, state and local regulations.

14. Transportation Information

Not regulated

15. Regulatory Information

HMIS Rating	
Health	*1
Flammability	0
Physical Hazard	0
PPE	E



Hazard Rating: 0 = minimal, 1 = Slight, 2 = moderate, 3 = severe, 4 = extreme

Federal Regulations

SARA Title 311/312

CA Prop 65

TSCA

Chronic Health Hazard

This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Listed



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State Regulations:

State RTK
NJ, MA, PA

CAS#
65997-15-1
14808-60-7

Chemical Name
Portland Cement
Quartz Silica Sand (Crystalline Silica)

16. Other Information

Hazard Communication: This SDS has been prepared in accordance with the federal OSHA Hazard Communication Standard

To the best of our knowledge, the information contained herein is accurate. However, Adhesives Technology Corp. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Additional information is available upon request.