



CASTinTACT® | msds

I. Product and Company Identification

Product: MASCO CASTinTACT® WARNING PANELS

For more Information Call:
1-800-537-3407

Revision Date: 05/15/2009

Manufacturer: Masons Supply Company (MASCO)
2637 SE 12th Avenue
Portland, OR 97202

II. Hazards Identification

EMERGENCY OVERVIEW

Off-White. Powder. Dust may irritate nose and throat. Dust irritating to the respiratory tract. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effect/Routes of Entry

Inhalation: Dust may irritate nose and throat. Dust irritating to the respiratory tract.
Eyes: Direct contact may cause severe irritation. May cause mechanical irritation or abrasion, and possible chemical burns. May cause temporary injury.
Ingestion: May cause severe irritation. May cause dryness, cracking, irritation, and chemical burns. May produce cement dermatitis due to primary irritation from alkaline, hygroscopic and abrasive properties.
Skin: May cause severe irritation. May cause dryness, cracking, irritation, and chemical burns. May produce cement dermatitis due to primary irritation from alkaline, hygroscopic and abrasive properties.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Dry cutting, sanding or grinding of pavers can expose you to inhalation of crystalline silica (quartz) which can cause cancer based on animal data, and IARC concludes sufficient evidence in humans (group 1). Prolonged and repeated overexposure to free crystalline silica dust above the TLV level may cause scarring of the lungs with cough and shortness of breath. A delayed lung injury, silicosis may result from breathing free silica.

III. Product Composition

CHEMICAL NAME	CAS-No.	WEIGHT (%)
Crystalline Silica (Quartz)/Silica Sand	14808-60-7	40.0 - 70.0
Portland Cement	65997-15-1	40.0 - 70.0
Amorphous Silica	69012-64-2	1.0 - 5.0
Iron Oxide	1309-37-1	0 - 2

IV. First Aid Measures

Get immediate medical attention for any significant overexposure.

Inhalation: Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Eye contact: Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.

Skin contact: Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

Ingestion: Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

V. Fire Fighting Measures

Flash point: Not available.
Method: Not available.

Lower explosion limit: Not available.

Upper explosion limit: Not available.

Autoignition temperature: Not available.

Extinguishing media: This product is not expected to burn under normal conditions of use. Use that which is appropriate to the surroundings.

Hazardous combustion products: Not available.

Protective equipment for firefighters: Not applicable. Product is not expected to burn.

Fire and explosion conditions: This product not expected to ignite under normal conditions of use.

VI. Accidental Release Measures

Use appropriate protective equipment. Avoid contact with material. Dampen material with water to control dusting. Scoop up and transfer to appropriate container for disposal. Flush spill area with water.

VII. Handling and Storage

Prevent inhalation of dust and contact with skin and eyes. Clean hands thoroughly after handling. Precautions also apply to emptied containers. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment. Store in sealed containers in a cool, dry, ventilated warehouse location.

VIII. Exposure Controls / Personal Protection

Personal Protection Equipment:

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VIII. Exposure Controls / Personal Protection

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- Respiratory protection: Wear appropriate, properly fitted NIOSH/MSHA approved dust respirator where airborne concentrations are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.
- Hand protection: Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection: Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body part or materials. Have eye washing facilities readily available.
- Skin and body protection: Prevent contact with shoes and clothing.
- Protective measures: Use professional judgment in the selection, care, and use. Wear gloves, head coverings and full body clothing as necessary to prevent skin irritation. Washable or disposable clothing may be used. Do not take unwashed clothing home. Work clothes should be washed separately from other clothing and the washing machine rinsed thoroughly following use. Inform the launderer of the proper procedures. Store work clothes and street clothes separately to prevent contamination.
- Engineering measures: Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use local exhaust when the general ventilation is inadequate.

Exposure Limits:

CHEMICAL NAME	CAS-No.	Regulation	Limit	Form
Crystalline Silica (Quartz) / Silica Sand	14808-60-7	OSHA TWA:	0.1 mg/m ³	Respirable.
		OSHA TWA:	0.3 mg/m ³	Total dust.
		OSHA PEL:	15 mg/m ³	Total dust.
		OSHA PEL:	5 mg/m ³	Respirable fraction.
		OCGIH TWA:	0.025 mg/m ³	Respirable fraction.
Portland cement	65997-15-1	ACGIH TWA:	10 mg/m ³	Respirable fraction.
		OSHA PEL:	5 mg/m ³	Total dust.
		OSHA PEL:	15 mg/m ³	

IX. Physical and Chemical Properties

- Form: Solid
- Appearance & Odor: Solid, essentially odorless, range of colors
- pH: Not available.
- Vapor pressure: Not available.
- Vapor density: Not available.
- Melting point/range: Not available.
- Freezing point: Not available.
- Boiling point/range: Not available.
- Water solubility: Miscible
- Specific Gravity: 3.0
- % Volatile Weight: 0.0 %

X. Reactivity / Stability

Substances to avoid: Not applicable.

Stability: Material is stable under normal storage, handling, and use.

Hazardous polymerization: Will not occur under normal conditions.

XI. Toxicological Information

No Data Available

XII. Ecological Information

No Data Available

XIII. Disposal Considerations

Disposal Method: Not regulated under RCRA. Dispose of in compliance with state and local regulations. Do not incinerate.

XIV. Transportation / Shipping Data

TDG / DOT Shipping Description:

Not Regulated

XV. Regulatory Information

North American Inventories:

This product or its components are listed on, or exempt from the Canadian Domestic Substances List. One or more components are listed on the NDSL.

U.S. Federal Regulations:

SARA 313 Components: None present or none present in regulated quantities.

SARA 311/312 Hazards: Acute Health Hazard
Chronic Health Hazard

OSHA Hazardous Components:

Crystalline Silica (Quartz) / Silica Sand	14808-60-7
Portland cement	65997-15-1

OSHA Status: Considered hazardous based on the following criteria:	Irritant Carcinogen
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OSHA Flammability: Not Regulated

Regulatory VOC (less water and exempt solvent)	0 g/l
VOC Method 310	0 %

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XV. Regulatory Information

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Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:
 Crystalline Silica (Quartz) / Silica Sand 14808-60-7

U.S. State Regulations:

MASS RTK Components:	Crystalline Silica (Quartz) / Silica Sand	14808-60-7
	Portland cement	65997-15-1
	Amorphous Silica	69012-64-2

Penn RTK Components:	Crystalline Silica (Quartz) / Silica Sand	14808-60-7
	Portland Cement	65997-15-1
	Amorphous Silica	69012-64-2

NJ RTK Components:	Crystalline Silica (Quartz) / Silica Sand	14808-60-7
	Portland cement	65997-15-1
	Amorphous Silica	69012-64-2

California Proposition 65 Warning: Dry cutting, sanding or grinding of pavers can expose you to respirable crystalline silica which is "known in the State of California to cause cancer and to other substances which are known to the State of California to cause cancer, birth defects and other reproductive harm."

XVI. Other Information

HMIS Rating:

Health	2
Flammability	0
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Further Information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Legend

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| ACGIH - American Conference of Governmental Hygienists | PEL - Permissible Exposure Limit |
| CERCLA - Comprehensive Environmental Response, Compensation, & Liability Act | RCRA - Resource Conservation & Recover Act |
| DOT - Department of Transportation | RTK - Right To Know |
| DSL - Domestic Substance List | SARA - Superfund Amendments & Reauthorization Act |
| EPA - Environmental Protection Agency | STEL - Short Term Exposure Limit |
| HMIS - Hazardous Materials Information System | TLV - Threshold Limit Value |
| IARC - International Agency for Research on Cancer | TSCA - Toxic Substances Control Act |
| MSHA - Mine Safety Health Administration | TWA - Time Weighted Average |
| NDSL - Non-Domestic Substance List | V - Volume |
| NIOSH - National Institute for Occupational Safety & Health | VOC - Volatile Organic Compound |
| NTP - National Toxicology Program | WHMIS - Workplace Hazardous Materials Information System |
| OSHA - Occupational Safety & Health Administration | |