

# SAFETY DATA SHEET

## Workrite Cements for Masonry



### Section 1: IDENTIFICATION

Product Name: Workrite cements for masonry

Generic ID: Masonry Cement, Portland Cement & Lime Blend, Mortar, Grout

Usage and Restrictions: Masonry cements are used to bind concrete masonry and clay brick masonry units together.

Supplier Details: Workrite Packaged Cement Products  
A Division of York building Products  
5952 Lincoln Hwy, West  
Thomasville, PA 17364

Emergency Phone #: 717.792.4700

### Section 2: HAZARD(S) IDENTIFICATION

GHS Classification: Carcinogenicity: 1A  
Eye Irritation: 2A  
Repeated Exposure Skin Irritation: 2  
Specific Target Organ Toxicity: 2

GHS Label Elements:



Signal Word: Danger

Hazard Statements: Acute: Wet cement, especially as an ingredient in plastic concrete, can dry the skin and cause alkali burns. Cement dust can irritate the eyes & upper respiratory system  
Chronic: Cement dust can cause inflammation of the lining tissue of the nose and inflammation of the cornea. Hypersensitive individuals may develop an allergic dermatitis.

Prevention: Wash hands thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust.

Response: If exposed or concerned: Get medical advice/attention. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do.

Storage: Restrict or control access to stockpile areas. Engulfment hazard: To prevent burial or suffocation, do not enter a confined space, such as a silo, bulk truck or other storage container or vessel that stores or contains aggregates without an effective procedure for assuring safety.

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

Hazards Not Otherwise Classified: None known.

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## Section 3:

## COMPOSITION / INFORMATION ON INGREDIENTS

<b>Ingredient(s)</b>	<b>CAS Number</b>	<b>ACGIH TLV</b>
Pigments		5mg/m <sup>3</sup>
NVX, MM Resins		15 mg/m <sup>3</sup>
Calcium Carbonate		10 mg/m <sup>3</sup>
Magnesium Carbonate		10 mg/m <sup>3</sup>
Calcium Silicates		10 mg/m <sup>3</sup>
Gypsum		10 mg/m <sup>3</sup>
Iron Oxide		10 mg/m <sup>3</sup>
Calcium Oxide		2 mg/m <sup>3</sup>

## Section 4:

## FIRST AID MEASURES

### Description of Necessary First Aid Measures:

Eye Contact:	Immediately flush with plenty of water for at least 15 minutes. Hold eyelids apart. Remove contacts if present and easy to do. Beyond flushing, do not attempt to remove material from the eye(s). Get medical attention if irritation develops or persists.
Inhalation:	Move to fresh air. Call a physician if symptoms develop or persist.
Skin Contact:	Wash off with soap and water. Get medical attention if irritation develops and persists.
Ingestion:	Rinse mouth and drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

### Most Important Symptoms & Effects, Both Acute and Delayed:

Inhaling dust may cause discomfort in the chest, shortness of breath, and coughing. Prolonged inhalation may cause chronic health effects. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica liberated from this product can cause silicosis, and may cause cancer.

### Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary:

Eye Contact:	Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Inhalation:	Dust may cause respiratory tract irritation.
Skin Contact:	Causes skin irritation. Wear gloves when handling product to avoid drying and mechanical abrasion of the skin. May cause sensitization by skin contact.
Ingestion:	Not a normal route of exposure. May result in obstruction and temporary irritation of the digestive tract.

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## Section 5:

## FIRE-FIGHTING MEASURES

### Extinguishing Media:

- Suitable Extinguishing Media: Treat for surrounding material.
- Unsuitable Extinguishing Media: Not available.
- Special Protective Equipment For Fire-Fighters: Use protective equipment appropriate for surrounding materials. No specific precautions.

## Section 6:

## ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures:

Wear appropriate protective equipment and clothing during clean-up of materials that contain or may release dust.

### Methods and Materials For Containment and Cleaning-Up

Spilled material, where dust is generated, may overexpose cleanup personnel to respirable crystalline silica-containing dust. Do not dry sweep or use compressed air for clean-up. Wetting of spilled material and/or use of respiratory protective equipment may be necessary. Avoid discharge of fine particulate matter into drains.

## Section 7:

## HANDLING AND STORAGE

- Handling: Avoid contact with skin and eyes. Good housekeeping is key to prevent accumulation of dust. Avoid generating and breathing dust. Use wet methods, if appropriate, to reduce the generation of dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. Handle with care. When using do not eat or drink. (See section 8)
- General Hygiene Advice: Launder contaminated clothing before reuse. Wash hands before eating or drinking.
- Conditions For Safe Storage, Including Any Incompatibilities: Avoid dust buildup by frequent cleaning and suitable construction of the storage area.

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## Section 8: EXPOSURE CONTROLS AND PERSONAL MEASURES

**Individual Protection Measures:**

- Hygiene Measures: Observe good hygiene, such as washing after handling the material and before eating and drinking. Routinely wash work clothing and protective equipment.
- Eye/Face Protection: Wear safety glasses with side shields (or goggles).
- Hand/Body Protection: Use personal protective equipment as required.
- Hand/Body Protection: When performing work that produces dust or respirable crystalline silica in excess of applicable exposure limits, wear a NIOSH-approved respirator that is properly fitted and is in good condition. Respirators must be used in accordance with all applicable workplace regulations.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Appearance:	Fine granular material
	Color:	Varies.
	Odor:	Odorless.
	Odor Threshold:	Not applicable.
	Physical State:	Solid.
	pH:	Not applicable.
	Melting/Freezing Point:	Not applicable.
	Boiling Point:	Not applicable.
	Flash Point:	Not applicable.
	Evaporation Rate:	Not applicable.
	Flammability:	Not flammable.
	Lower Flammability/Explosive Limit:	Not applicable.
	Upper Flammability/Explosive Limit:	Not applicable.
	Vapor Pressure:	Not applicable.
	Vapor Density:	Not applicable.
	Relative Density/Specific Gravity:	3.15
	Solubility:	Slight (0.1 – 1.0%)
	Partition coefficient: n-octanol/water:	Not applicable.
	Auto-ignition Temperature:	Not applicable.
	Decomposition Temperature:	Not applicable.
	Viscosity:	Not applicable.
	SADT:	Not applicable.
	Oxidizing Properties:	Not applicable.
	Explosive Properties:	Not expected to present an explosion hazard due to mechanical impact or static discharge.

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## Section 10:

## STABILITY AND REACTIVITY

Reactivity:	Product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Material is stable under normal conditions.
Hazardous Reaction Possibility:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Avoid contact with strong oxidizing agents.
Incompatible materials:	Crystalline silica may react violently with strong oxidizing agents, causing fire and explosions.
Hazardous decomposition:	Silica dissolves in hydrofluoric acid producing a corrosive gas-silicon tetrafluoride.

## Section 11:

## TOXICOLOGICAL INFORMATION

For questions regarding toxicological information refer to contact information in Section 1.

## Section 12:

## ECOLOGICAL INFORMATION

For questions regarding ecological information refer to contact information in Section 1.

## Section 13:

## DISPOSAL CONSIDERATIONS

Dispose of waste and containers in compliance with applicable Federal, State, Provincial and Local regulations. Where possible, recycling of used and unused uncontaminated substance is recommended.

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## Section 14: TRANSPORTATION INFORMATION

	<u>DOT Classification</u>	<u>IMDG</u>	<u>IATA</u>
UN Number	Not regulated.	Not regulated.	Not regulated.
UN Proper Shipping Name	----	----	----
Transport Hazard Class(es)	----	----	----
Packing Group	----	----	----
Environmental Hazards	----	----	----

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

## Section 15: REGULATORY INFORMATION

### Safety, Health and Environmental Regulations/ Legislations Specific For The Chemical:

US: SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

## Section 16: OTHER INFORMATION

Date of Preparation:	07-09-15
Expiration Date:	None
Version:	1.0
Revision Date:	01-30-15
Other:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

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