



# SAFETY DATA SHEET

Issue Date 08-Jan-2016

Revision Date 08-Jan-2016

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** ELASTCRETE PART A (Bare Base/grout cement blend)

**Other means of identification** Inorganic Cement Blend

**Product Code** 100-001

**UN/ID no.**

**Synonyms**

### Recommended use of the chemical and restrictions on use

**Recommended Use** To be used in Combination With Elastocrete Stabilizer Liquid

**Uses advised against** No Data

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

688 East Chad Ranch Road, Veyo, UT 84782 (435) 772-1345

### For Chemical Emergency

Spill, Leak, Exposure or Incident

**Company Phone Number** (435) 772-1345

**Call INFOTRAC 24 Hour Number** 1-800-535-5053 or +1-352-323-3500 (outside USA)

## 2. HAZARDS IDENTIFICATION

### Classification (GHS-US)

Not Classified

### OSHA Regulatory Status

This chemical is NOT considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Inhalation (Vapors)	Category 0
Specific target organ toxicity (single exposure)	Category 0
Aspiration toxicity	Category 0
Flammable Liquids	Category 0

### GHS-US Labeling

No Labeling Applicable

### Unknown acute toxicity

None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substance

Chemical Name	CAS No.	Weight-%	Trade Secret
Oxides of calcium, silicon, aluminum, iron, and magnesium.	proprietary	0-100	*
Silicates of calcium, silicon, aluminum, iron and magnesium	proprietary	0-100	*

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\*The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

##### Description of first aid measures

<b>General advice</b>	Move out of the dangerous area. Consult a physician. Provide this Safety Data Sheet to the doctor in attendance.
<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Skin contact</b>	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
<b>Ingestion</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

##### Most important symptoms and effects, both acute and delayed

**Symptoms** Eye, Skin, and Respiratory Irritation. May cause allergic skin reaction.

##### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically. For additional information, see Safety Data Sheet.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media

Not combustible.

##### Unsuitable extinguishing media

None Known

##### Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective suit.

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Use personal protective equipment as required. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

##### Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not allow product to enter any drains or waterways. Where dust is created, use proper respiratory Protection. Dust may be vacuum cleaned.

**Methods and material for containment and cleaning up**

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills.
<b>Methods for cleaning up</b>	Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal. Use clean non-sparking tools to collect absorbed material. Dispose according to local regulations.

**7. HANDLING AND STORAGE****Precautions for safe handling**

<b>Advice on safe handling</b>	Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Take measures to prevent the buildup of electrostatic charge. Use non-sparking tools. Wash hands and skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
<b>Incompatible materials</b>	ACID (Strong) - vigorous reaction, heat generated; Chlorine Trifluoride reacts violently, producing flame; Phosphorous Pentachloride - incandesces brilliantly. NOTE: Exposure to water may cause this product to slowly hydrate, during which heat may be generated (exothermic reaction)

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

<b>Exposure Guidelines</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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**Appropriate engineering controls**

<b>Engineering Controls</b>	General/Local Ventilation Recommended.
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**Individual protection measures, such as personal protective equipment**

<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and body protection</b>	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear chemical resistant gloves at minimum. Wash skin immediately upon contact. Wash hands at mealtime and end of shift.
<b>Respiratory protection</b>	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after breaks and at the end of the work day.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical state</b>	Solid	<b>Odor</b>	none
<b>Appearance</b>	White to Grey Powder	<b>Odor threshold</b>	No data available
<b>Color</b>			

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	Aqueous solution 8-12		
Melting point / freezing point	Not Available		
Boiling point / boiling range	Not Available		
Flash point	Not Available		
Evaporation rate	Not Available		
Flammability (solid, gas)	Not Relevant/not combustible		
Flammability Limit in Air			
Upper flammability limit:	Not Available		
Lower flammability limit:	Not Available		
Vapor pressure	Not Available		
Vapor density	Not Available		
Relative density	Not Available		
Water solubility	Partially soluble		
Solubility in other solvents	Not Available		
Partition coefficient	Not Available		
Autoignition temperature	Not Available		
Decomposition temperature	Not Available		
Kinematic viscosity	Not Available		
Dynamic viscosity	Not Available		
Explosive properties	Not Available		
Oxidizing properties	Not Available		

**Other Information**

Softening point	Not Relevant
Molecular weight	Not Available
VOC Content (%)	0
Density	Not Available
Bulk density	Not Available

**10. STABILITY AND REACTIVITY****Reactivity**

Not Available

**Chemical stability**

Stable.

**Possibility of Hazardous Reactions**

Hazardous polymerization does not occur.

**Conditions to avoid**

Excessive Heat, cold and moisture.

**Incompatible materials**

Keep away from strong oxidizing agents, strong alkalis, and strong acids.

**Hazardous Decomposition Products**

&gt;1700 degrees C Metal Oxide fumes may be generated

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Phosphorous Pentachloride - incandescens brilliantly. NOTE: Exposure to water may cause this product to slowly hydrate, during which heat may be generated (exothermic reaction).

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

**Product Information**

<b>Inhalation</b>	Direct contact and dust inhalation.
<b>Eye contact</b>	Direct contact.
<b>Skin contact</b>	Direct contact.
<b>Ingestion</b>	Direct contact.

**Information on toxicological effects**

**Symptoms** May cause respiratory irritation. Causes serious eye irritation. Causes skin irritation.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Irritating to eyes.
<b>Irritation</b>	Irritating to eyes, respiratory system and skin.
<b>Sensitization</b>	No data available.
<b>Germ cell mutagenicity</b>	No data available.
<b>Carcinogenicity</b>	No data available.
<b>Reproductive toxicity</b>	Not Available.
<b>STOT - single exposure</b>	Not Available.
<b>STOT - repeated exposure</b>	Not Available.
<b>Aspiration hazard</b>	Not Available.

**Numerical measures of toxicity - Product Information****12. ECOLOGICAL INFORMATION**

Material is expected to be harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

**Ecotoxicity**

No data available.

**Persistence and degradability**

No data available.

**Bioaccumulation**

No data available.

**Other adverse effects**

No data available.

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Disposal of wastes**

Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal in your area. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of in accordance with federal, state and local regulations.

## 14. TRANSPORT INFORMATION

**DOT**

<b>UN/ID no.</b>	Not Regulated
<b>Hazard Class</b>	
<b>Packing Group</b>	
<b>Marine pollutant</b>	

**IATA****IMDG**

## 15. REGULATORY INFORMATION

**International Inventories**

<b>TSCA</b>	Does not comply
<b>DSL/NDSL</b>	Does not comply
<b>EINECS/ELINCS</b>	Does not comply
<b>ENCS</b>	Does not comply
<b>IECSC</b>	Does not comply
<b>KECL</b>	Does not comply
<b>PICCS</b>	Does not comply
<b>AICS</b>	Does not comply

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	no
<b>Fire hazard</b>	no
<b>Sudden release of pressure hazard</b>	no
<b>Reactive Hazard</b>	No

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

**US State Regulations**

**California Proposition 65**

Portland cement, limestone, calcium oxide, magnesium oxide, and silica

**U.S. State Right-to-Know Regulations**

Portland cement, limestone, calcium oxide, magnesium oxide, and silica

**U.S. EPA Label Information**

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<b><u>NFPA</u></b>	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
<b><u>HMIS</u></b>	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X

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**Revision Note**

No data available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**