

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

**Product Name** CIFS Brick Mortar

### Other means of identification

**Synonyms** None

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

**Recommended Use** Dry Mix Mortar

**Uses advised against** No information available

### Supplier's details

**Supplier Address**  
Master Wall Inc.  
6975 Flat Rock Road  
Midland, GA 31820  
TEL: 706-569-0092

### Emergency telephone number

**Emergency Telephone Number** 800-535-5053 Infotrac

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

|   |             |
|---|-------------|
| Skin Corrosion/Irritation                                 | Category 1  |
| Serious Eye Damage/Eye Irritation                         | Category 1  |
| Skin Sensitization  | Category 1  |
| Carcinogenicity   | Category 1A |
| Specific Target Organ Systemic Toxicity (Single Exposure) | Category 3  |
| Specific Target Organ Toxicity (Repeated Exposure)        | Category 2  |

### GHS Label elements, including precautionary statements

### Emergency Overview

**Signal Word** Danger

#### **Hazard Statements**

- Causes severe skin burns and eye damage
- May cause an allergic skin reaction
- May cause cancer
- May cause respiratory irritation
- May cause damage to organs through prolonged or repeated exposure

**Appearance** Gray.**Physical State** Solid (powder).**Odor** None.**Precautionary Statements****Prevention**

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Do not breathe dust/fume/gas/mist/vapors/spray.
- Wash face, hands and any exposed skin thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves/protective clothing/eye protection/face protection.

**General Advice**

- Immediately call a POISON CENTER or doctor/physician.
- Specific treatment (see supplemental first aid instructions on this label)

**Eyes**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a POISON CENTER or doctor/physician.

**Skin**

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Wash contaminated clothing before reuse.
- If skin irritation or rash occurs: Get medical advice/attention.

**Inhalation**

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Ingestion**

- IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

**Storage**

- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.

**Disposal**

- Dispose of contents/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable.

**Other information**

Harmful to aquatic life with long lasting effects.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name | CAS-No | Weight % | Trade secret |
|---------------|--------|----------|--------------|
|---------------|--------|----------|--------------|

|                          |            |        |   |
|--------------------------|------------|--------|---|
| Quartz                   | 14808-60-7 | 55- 75 | * |
| Portland cement          | 65997-15-1 | 20-30  | * |
| Limestone                | 1317-65-3  | 5-15   | * |
| Calcium sulfate          | 7778-18-9  | 1-5    | * |
| Flue dust, zinc-refining | 69012-63-1 | 1-5    | * |

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

#### 4. FIRST AID MEASURES

##### Description of necessary first-aid measures

|                       |  |
|-----------------------|--|
| <b>General Advice</b> | Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.  |
| <b>Eye Contact</b>    | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Do not rub affected area. Immediate medical attention is required. |
| <b>Skin Contact</b>   | Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. Immediate medical attention is required.  |
| <b>Inhalation</b>     | Remove to fresh air. Get medical attention immediately if symptoms occur.  |
| <b>Ingestion</b>      | Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.   |

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

**Most Important Symptoms/Effects** Corrosive. Burning. Serious eye irritation or damage. Itching. Rashes. Hives. Coughing and/or wheezing.

##### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to Physician** May cause sensitization of susceptible persons. Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

##### Specific Hazards Arising from the Chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

##### Explosion Data

|   |       |
|---|-------|
| <b>Sensitivity to Mechanical Impact</b> | None. |
| <b>Sensitivity to Static Discharge</b>  | None. |

##### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

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

**Personal Precautions** Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Evacuate personnel to safe areas.

##### Environmental Precautions

**Environmental Precautions** Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant. See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Pick up and transfer to properly labeled containers.

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

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Products** Acids. Oxidizing agents. Metals. Metal salts.

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

| Chemical Name                          | ACGIH TLV   | OSHA PEL   | NIOSH IDLH   |
|--|---|--|--|
| Quartz<br>14808-60-7                   | TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter  | 30/(%SiO <sub>2</sub> +2) mg/m <sup>3</sup> TWA, Total Dust;250/(%SiO <sub>2</sub> +5) mppcf TWA, respirable fraction; 10/(%SiO <sub>2</sub> +2) mg/m <sup>3</sup> TWA, respirable<br>TWA: 0.1 mg/m <sup>3</sup> (vacated)         | IDLH: 50 mg/m <sup>3</sup> respirable dust<br>TWA: 0.05 mg/m <sup>3</sup> respirable dust                        |
| Portland cement<br>65997-15-1          | TWA: 1 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter      | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction<br>TWA: 50 mppcf <1% Crystalline silica | IDLH: 5000 mg/m <sup>3</sup><br>TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust |
| Limestone<br>1317-65-3                 | -   | TWA: 15 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup><br>(vacated) TWA: 15 mg/m <sup>3</sup><br>(vacated) TWA: 5 mg/m <sup>3</sup>   | TWA: 5 mg/m <sup>3</sup> respirable dust<br>TWA: 10 mg/m <sup>3</sup> total dust                                 |
| Calcium sulfate<br>7778-18-9           | TWA: 10 mg/m <sup>3</sup> inhalable particulate matter  | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction  | TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust                                 |
| Flue dust, zinc-refining<br>69012-63-1 | TWA: 0.05 mg/m <sup>3</sup> Pb<br>TWA: 0.01 mg/m <sup>3</sup> Cd<br>TWA: 0.002 mg/m <sup>3</sup> Cd respirable particulate matter | TWA: 50 µg/m <sup>3</sup> Pb<br>Action Level: 30 µg/m <sup>3</sup> Pb<br>Poison;See 29 CFR 1910.1025<br>Action Level: 2.5 µg/m <sup>3</sup> Cd   | IDLH: 9 mg/m <sup>3</sup> Cd dust and fume<br>IDLH: 100 mg/m <sup>3</sup> Pb<br>TWA: 0.050 mg/m <sup>3</sup> Pb  |

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Tightly fitting safety goggles.  
**Skin and Body Protection** Long sleeved clothing. Impervious gloves. Impervious clothing.  
**Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local

regulations

**Hygiene Measures**

Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

|                       |                 |                       |                           |
|-----------------------|-----------------|-----------------------|---------------------------|
| <b>Physical State</b> | Solid (powder). | <b>Appearance</b>     | Gray.                     |
| <b>Odor</b>           | None.           | <b>Odor Threshold</b> | No information available. |

| <u>Property</u>                               | <u>Values</u>          | <u>Remarks/ - Method</u>                    |
|---|------------------------|---|
| <b>pH</b>                                     | 10 - 13                | None known                                  |
| <b>Melting Point/Range</b>                    | Not determined         | None known                                  |
| <b>Boiling Point/Boiling Range</b>            | > 100 °C / > 212 °F    | None known                                  |
| <b>Flash Point</b>                            | Not determined.        | None known                                  |
| <b>Evaporation rate</b>                       | No data available      | None known                                  |
| <b>Flammability (solid, gas)</b>              | No data available      | None known                                  |
| <b>Flammability Limits in Air</b>             |                        |   |
| upper flammability limit                      | No data available      |   |
| lower flammability limit                      | No data available      |   |
| <b>Vapor Pressure</b>                         | No data available      | None known                                  |
| <b>Vapor Density</b>                          | No data available      | None known                                  |
| <b>Specific Gravity</b>                       | > 1                    | No units, but stated at a given temperature |
| <b>Water Solubility</b>                       | Miscible with water    | None known                                  |
| <b>Solubility in other solvents</b>           | Not determined         | None known                                  |
| <b>Partition coefficient: n-octanol/water</b> | Not determined         | None known                                  |
| <b>Autoignition Temperature</b>               | No data available      | None known                                  |
| <b>Decomposition Temperature</b>              | No data available      | None known                                  |
| <b>Viscosity</b>                              | No data available      | None known                                  |
| <br><b>Flammable Properties</b>               | <br>No data available. |   |
| <br><b>Explosive Properties</b>               | <br>No data available  |   |
| <b>Oxidizing Properties</b>                   | No data available      |   |
| <br><b>Other information</b>                  |                        |   |
| <b>VOC Content (%)</b>                        | No data available      |   |
| <b>VOC (g/l)</b>                              | < 50                   |   |

## 10. STABILITY AND REACTIVITY

**Reactivity**

No dangerous reaction known under conditions of normal use.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

None known based on information supplied.

### **Incompatible materials**

Acids. Oxidizing agents. Metals. Metal salts.

### **Hazardous decomposition products**

Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## **11. TOXICOLOGICAL INFORMATION**

### **Information on likely routes of exposure**

#### **Product Information**

##### **Inhalation**

May cause irritation of respiratory tract. Inhaled corrosive substances can lead to a toxic edema of the lungs.

##### **Eye Contact**

Causes serious eye damage. Corrosive to the eyes and may cause severe damage including blindness.

##### **Skin Contact**

Corrosive. Causes severe skin burns. May cause allergic skin reaction.

##### **Ingestion**

Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion of corrosive substances can cause burns of the upper digestive and respiratory tract.

#### **Component Information**

| Chemical Name   | LD50 Oral            | LD50 Dermal | LC50 Inhalation |
|-----------------|----------------------|-------------|-----------------|
| Calcium sulfate | > 3000 mg/kg ( Rat ) | -           | -               |

### **Symptoms related to the physical, chemical and toxicological characteristics**

#### **Symptoms**

Burning. Erythema (skin redness). Coughing and/ or wheezing. Allergic skin reactions or irritation.

### **Delayed and immediate effects and also chronic effects from short and long term exposure**

#### **Sensitization**

May cause sensitization by skin contact.

#### **Mutagenic Effects**

Based on available data, the classification criteria are not met.

#### **Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen. Contains a known or suspected carcinogen. May cause cancer.

| Chemical Name            | ACGIH | IARC     | NTP                    | OSHA |
|--------------------------|-------|----------|------------------------|------|
| Quartz                   | A2    | Group 1  | Known                  | X    |
| Flue dust, zinc-refining | A3    | Group 2A | Known                  | X    |
|                          | A2    | Group 1  | Reasonably Anticipated |      |

#### **ACGIH: (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

#### **IARC: (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

#### **NTP: (National Toxicity Program)**

Known - Known Carcinogen

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

#### **OSHA: (Occupational Safety & Health Administration)**

X - Present

#### **Reproductive Toxicity**

Based on available data, the classification criteria are not met.

**STOT - single exposure** May cause respiratory irritation.  
**STOT - repeated exposure** May cause damage to organs through prolonged or repeated exposure.  
**Aspiration Hazard** None of the ingredients are known to be an aspiration hazard.

**Numerical measures of toxicity - Product**

The following values are calculated based on chapter 3.1 of the GHS document: Not applicable

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

| Chemical Name                | Toxicity to Algae | Toxicity to Fish  | Toxicity to Microorganisms | Daphnia Magna (Water Flea)                       |
|------------------------------|-------------------|---|----------------------------|--|
| Calcium sulfate<br>7778-18-9 |                   | LC50 96 h: = 2980 mg/L<br>static (Lepomis macrochirus)<br>LC50 96 h: > 1970 mg/L<br>static (Pimephales<br>promelas) |                            | EC50 120 h: = 3200 mg/L<br>(Nitscheria linearis) |

**Persistence and Degradability** No information available

**Bioaccumulation** No information available

**Other Adverse Effects**

No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

## 15. REGULATORY INFORMATION

**International Inventories**

**TSCA** Contact supplier for inventory compliance status  
**DSL/NDSL** Contact supplier for inventory compliance status

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

### 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):

| Chemical Name            | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|--------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Flue dust, zinc-refining |                             | X                      |                           |                            |

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### U.S. State Regulations

#### California Proposition 65

This product contains the following Proposition 65 chemicals:

| Chemical Name | CAS-No     | California Prop. 65 |
|---------------|------------|---------------------|
| Quartz        | 14808-60-7 | Carcinogen          |

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

"X" designates that the ingredients are listed on the state right to know list.

| Chemical Name   | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|-----------------|------------|---------------|--------------|----------|--------------|
| Quartz          | X          | X             | X            | -        | X            |
| Portland cement | X          | X             | X            |          | X            |
| Limestone       | X          | X             | X            |          | X            |
| Calcium sulfate | X          | X             | X            |          |              |

### U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

## 16. OTHER INFORMATION

**NFPA** Health Hazard 3 Flammability 0 Instability 0 Physical and Chemical Hazards -

**HMIS** Health Hazard 3\* Flammability 0 Physical Hazard 0 Personal Protection X

\*Indicates a chronic health hazard.

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Issuing Date** 15-May-2018  
**Revision Date** 15-May-2018  
**Revision Note** Initial Release.

### General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**