



## SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. DEPARTMENT OF LABOR Occupational Safety and Health Administration (GHS Format)



### SECTION I. IDENTIFICATION

**Product :** USG Super (a water-based methacrylate polymer solution)  
**Supplier:** US Grout, LLC.  
Address: 100 Hess Drive, Malad, Idaho 83252; Telephone: (208) 766-4777  
**Material Uses:** Industrial applications: Dispersant, water reducer in concrete, superplasticizer.  
**In Case of Emergency:** Emergency Telephone: (208) 766-2655  
**Date Prepared:** December 2015

### SECTION II. HAZARDS IDENTIFICATION

**OSHA/HCS Status:** While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

**Emergency Overview:** Avoid contact with skin and eyes. Do not ingest. Do not breathe gas, fumes, vapor or spray. After handling, always wash hands thoroughly with soap and water.

**Routes of Entry:** Ingestion. Eye contact.

**Potential Acute Health Effects:**

*Inhalation:* No known significant effects or critical hazards.

*Ingestion:* May be harmful if swallowed.

*Eyes:* May cause slight eye irritation.

*Skin:* May cause slight skin irritation.

**Potential Chronic Health Effects:**

*Chronic effects:* No known significant effects or critical hazards.

*Carcinogenicity:* No known significant effects or critical hazards.

*Mutagenicity:* No known significant effects or critical hazards.

*Developmental effects:* No known significant effects or critical hazards.

*Fertility effects:* No known significant effects or critical hazards.

*Target organs:* No known significant effects or critical hazards.

*Medical conditions aggravated by*

*over-exposure:* Repeated or prolonged exposure is not known to aggravate medical condition.

*Effect of repeated exposure:* No specific data.

*Overexposure signs/*

*symptoms:* Skin and/or eye irritation.

See SECTION XI: TOXICOLOGICAL INFORMATION

### SECTION III. COMPOSITION INFORMATION

#### INGREDIENTS:

| CHEMICAL NAME:    | COMMON NAME   | CAS NUMBER     | % CONCENTRATION |
|-------------------|---|----------------|-----------------|
| [Confidential]    | Methacrylate/polyethylene glycol copolymer, sodium salt | [Confidential] | [Confidential]  |
| Silica, Amorphous | Amorphous Silica  | 7631-86-9      | [Confidential]  |
| [Confidential]    | Mixture of POE fatty esters/POE alkylether              | [Confidential] | [Confidential]  |

### SECTION IV. FIRST AID

|   |  |
|---|--|
| <b>Eye Contact:</b>                             | Remove contact lens immediately, if present and easy to remove. Immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, seek medical attention. |
| <b>Skin Contact:</b>                            | Flush affected skin with plenty of water. Remove contaminated clothing. If skin irritation occurs, seek medical attention. Wash affected clothing before reuse.                          |
| <b>Inhalation:</b>                              | If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen.  |
| <b>Ingestion:</b>                               | If the material is swallowed, get immediate medical attention or advice.   |
| <b>Protection when administering first aid:</b> | No action should be taken involving personal risk without suitable training.   |
| <b>Note to Physician:</b>                       | Provide general supportive measures and treat symptomatically.   |

### SECTION V. FIRE AND EXPLOSION HAZARD DATA

|   |   |
|---|---|
| <b>Flammability:</b>  | Refer to SECTION IX: Physical and Chemical Properties   |
| <b>Flashpoint:</b>  | Not available.  |
| <b>Products of Combustion:</b>                                  | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.  |
| <b>Properties that could increase fire or explosion hazard:</b> | Product presents a suspected combustible dust hazard. Dispersion in air of this product at sufficient concentration may form explosive mixture.   |
| <b>Extinguishing Media:</b>                                     |   |
| <i>Suitable:</i>  | Powder, alcohol-resistant foam, CO <sub>2</sub> and sand.   |
| <i>Special Hazards:</i>   | May produce toxic fumes of carbon oxides if burning. Containers can build up pressure if exposed to heat (fire). Containers should be cooled with water to prevent vapor pressure build up. |
| <b>Fire-Fighting:</b>   | Firefighters should wear full protective clothing including self contained breathing apparatus.   |

## SECTION VI. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Take no action involving personal risk without suitable training. Evacuate surrounding areas. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate personal protective equipment.  
See SECTION VIII: EXPOSURE CONTROLS AND PERSONAL PROTECTION.  
Refer to SECTION VII: HANDLING AND STORAGE for additional precautionary measures.

**Environmental Precautions:**

Avoid dispersal of spilled material and runoff as well as contact with soil, waterways, drains, and sewers.

**Methods for Cleaning Up:**

- Small Spills and Leaks:* Stop leak if possible to do so without risk. Move containers from spill area. Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by flushing contaminated surface with water and dispose of according to local and regional authority requirements.
- Large Spills and Leaks:* Stop leak if possible to do so without risk. Clean up large spills with pump or vacuum truck. Finish cleaning by flushing contaminated surface with water and dispose of according to local and regional authority requirements.

## SECTION VII. HANDLING AND STORAGE

**Handling:** Wear appropriate personal protective equipment. Eating, drinking and smoking should not be allowed in areas where this material is being handled, stored, and processed. Use with appropriate ventilation. Do not ingest. Avoid contact with skin and eyes. Do not breathe gas, fumes, vapor, or spray. Wash thoroughly after handling.  
See SECTION VIII: EXPOSURE CONTROLS AND PERSONAL PROTECTION.

**Storage:** Keep container tightly closed and in a cool, well-ventilated area. Do not store this material in open or unlabeled containers. Store in accordance with local regulations.  
See SECTION X: STABILITY AND REACTIVITY.

## SECTION VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

### PERSONAL PROTECTIVE EQUIPMENT

**Eye/Face Protection:** Wear chemical goggles.

**Hand Protection:** Use impervious gloves.

**Skin Protection:** Normal work clothing (long sleeved shirts and long pants) is recommended.

**Respiratory Protection:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever there may be potential for airborne exposure.

**Other:** Eyewash fountains and emergency showers are required.

### EXPOSURE LIMITS

| Chemical  | CASRN | Percent | Limits   | Agency |
|---|-------|---------|--|--------|
| Particulates not otherwise regulated                                      | —     | —       | 5 mg/m <sup>3</sup> TWA (total dust);<br>5 mg/m <sup>3</sup> TWA (respirable fraction)   | OSHA   |
| Particles (insoluble or poorly soluble)<br>Not Otherwise Specified (PNOS) | —     | —       | 10 mg/m <sup>3</sup> TWA (inhalable particles,<br>recommended); 3 mg/m <sup>3</sup> TWA<br>(respirable particles, recommended) | ACGIH  |

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**SECTION IX. PHYSICAL/CHEMICAL PROPERTIES**

|   |                                   |
|---|-----------------------------------|
| <b>Appearance@ 20°C</b>                     | Yellowish brown solid.            |
| <b>Odor:</b>                                | No odor.                          |
| <b>pH:</b>                                  | 6.0 - 8.0 (5% solution).          |
| <b>Boiling Point:</b>                       | Not available.                    |
| <b>Freezing Point:</b>                      | Not available.                    |
| <b>Molecular Weight:</b>                    | Not applicable.                   |
| <b>Relative Density:</b>                    | 0.57g/mL @ 25°C.                  |
| <b>Vapor Pressure:</b>                      | Not available.                    |
| <b>Vapor Density:</b>                       | Not available.                    |
| <b>Dispersibility Properties:</b>           | See "solubility in water," below. |
| <b>Solubility in Water:</b>                 | Soluble.                          |
| <b>Partition Coefficient N-octanol/eau:</b> | Not available.                    |
| <b>Flammability:</b>                        | Not evaluated.                    |
| <b>Flash Point (°C):</b>                    | Not available.                    |

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**SECTION X. STABILITY AND REACTION**

|  |                                 |
|--|---------------------------------|
| <b>Stability:</b>                                      | Stable under normal conditions. |
| <b>Conditions to Avoid:</b>                            | None known.                     |
| <b>Incompatible Materials (Reactivity):</b>            | None known.                     |
| <b>Incompatible Materials (Storage and Transport):</b> | No information available.       |
| <b>Hazardous Polymerization:</b>                       | Will not occur.                 |
| <b>Hazardous Decomposition Products:</b>               | None known.                     |

## SECTION XI. TOXICOLOGICAL INFORMATION

### Potential Acute Health Effects:

- Inhalation:* May cause slight irritation to the respiratory system.  
*Ingestion:* Not a likely route of entry. May be harmful if swallowed.  
*Eyes:* May cause slight eye irritation.  
*Skin:* Not expected to be a primary skin irritant.

### Potential Chronic Health Effects:

- Chronic Effects:* No known significant effects or critical hazards.  
*Mutagenicity:* No known significant effects or critical hazards.  
*Developmental Effects:* No known significant effects or critical hazards.  
*Fertility Effects:* No known significant effects or critical hazards.  
*Target Organs:* No known significant effects or critical hazards.  
*Medical Conditions*  
*Aggravated by*  
*Over-exposure:* Repeated or prolonged exposure is not known to aggravate medical condition.  
*Effect of Repeated*  
*Exposure:* No specific data.

## CARCINOGENICITY

| Chemical Name     | Data  | Agency | List                                    |
|-------------------|---|--------|---|
| Silica, amorphous | Monograph 68 [1997];<br>Supplement 7[1987]; | IARC   | Group 3 Not Classifiable as Carcinogens |

None of the components of this product are listed on the OSHA Possible or Select Carcinogens Lists.  
 None of the components of this product are listed on the ACGIH Carcinogens List.  
 None of the components of this product are listed on the NTP Known or Suspected Carcinogens List.

- Lethal Dose:* No information available.  
*Routes of Entry:* Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

## SECTION XII. ECOLOGICAL INFORMATION

### Aquatic Toxicity

**Classification:** Not classified as hazardous to aquatic environment.

### Persistence &

**Degradability:** No information available.

**Ecotoxicity:** Not available.

## SECTION XIII. DISPOSAL CONSIDERATIONS

**Waste Disposal:** Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes. Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.  
 CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.

**SECTION XIV. TRANSPORTATION INFORMATION****REGULATORY INFORMATION:**

|          | UN NUMBER:    | PROPER SHIPPING NAME   | CLASS | PG* | LABEL | ADDITIONAL INFORMATION |
|----------|---------------|------------------------|-------|-----|-------|------------------------|
| DOT      | Not Regulated | Non-Hazardous Material | —     | —   | —     | —                      |
| TDG      | Not Regulated | —                      | —     | —   | —     | —                      |
| ADR-RID  | Not Regulated | —                      | —     | —   | —     | —                      |
| IMDG     | Not Regulated | Non-Hazardous Material | —     | —   | —     | —                      |
| IATA-DRG | Not Regulated | Non-Hazardous Material | —     | —   | —     | —                      |

\*PG: Packing Group

**SECTION XV. REGULATORY INFORMATION**

## UNITED STATES

**OSHA Hazard Classification:** This material is not considered hazardous by OSHA.  
**TSCA 8(B) Inventory:** All ingredients are listed on TSCA inventory or are exempted.  
**Clean Water Act:** No components listed.

SARA 302/304/311/312/313

**Extremely Hazardous Substances:** No components listed.

**Hazardous Substances:** No components listed.

**Reporting Requirements:** Not applicable.

CLEAN AIR ACT (CAA) 112

**Accidental Release Prevention:** Not applicable.

**Regulated Flammable Substances:** No components listed.

**Regulated Toxic Substances:** No components listed.

## STATE LISTS

**Massachusetts Right-to-Know List:** Amorphous silica.

**New Jersey Right-to-Know List:** Silica, amorphous.

**Pennsylvania Right-to-Know List:** Silica.

## CANADA

**WHMIS:** Silica, amorphous, fumed.

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## SECTION XVI. OTHER

### **Hazardous Material Information System, USA (HMIS):**

Health: 1 (slight);

Flammability: 0 (minimal);

Reactivity: 0 (minimal);

Personal Protection: D

CAUTION: HMIS RATINGS ARE ESTIMATED FROM AVAILABLE DATA. THE CONSUMER IS RESPONSIBLE FOR DETERMINING THE PPE CODE FOR THIS PRODUCT.

### **National Fire Protection Association, USA (NFPA):**

Health: 1 (slight);

Flammability: 1 (slight);

Reactivity: 0 (minimal);

**SDS Version Date:** 12/14/2015

NOTICE TO READER: To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist.