



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 (powdered form). Methacrylate/Polyethylene Glycol CoPolymer
Supplier: US Grout, LLC.
Address: 100 Hess Drive, Malad, Idaho 83252; Telephone: (208) 766-4777
Material Uses: This product is intended for use as an admixture in concrete formulations and other industrial chemical applications.
In Case of Emergency: Emergency Telephone: (208) 766-2655
Date Prepared: April 2023

SECTION II. HAZARD(S) IDENTIFICATION

PRODUCT CLASSIFICATION per CFR 1910.1200

Hazard Classification: This product does not satisfy any of the criteria for a hazardous material per the guidelines established by the United Nations (Globally Harmonized System of Classification and Labelling of Chemicals) as specified in 29 CFR 1910.1200 Hazard Communication (2012).

RECOMMENDED SAFETY PRECAUTIONS

Injury Prevention: Good industrial hygiene practices should be followed when handling this material. Avoid contact with eyes and skin. Do not breathe dusts/fumes/vapors of this material. Wash thoroughly after handling. When necessary, use appropriate personal protective equipment to prevent injury.

Emergency Response: IF IN EYES: rinse cautiously with water for 15 minutes. Remove contact lens, if present and easy to do. Continue rinsing. Seek medical attention if necessary.
IF ON SKIN: gently wash with plenty of soap and water. Call a POISON CONTROL CENTER or doctor if symptoms develop or you feel unwell.

Product Storage: The storage area must be protected by properly designed containment to prevent the release of product to groundwater or sewers. Keep container tightly closed when not in use. Store in a well ventilated area.

Product Disposal: DISPOSE of product and containers in accordance with all applicable local, state, federal, and international regulations.

HAZARDS NOT OTHERWISE CLASSIFIED

Pyrophoric Gases: Not applicable.
Simple Asphyxiants: Not applicable.

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Combustible Dust: Product in powderform is combustible; However, available explosivity data is insufficient to determine electrical classification.

DUST CLASSIFICATION	MINIMUM IGNITION ENERGY (mJ)	Pmax (bar-g)	Rmax (bar/s)	Kst (bar-m/s)	Explosion Severity
ST 1	30-100 (w/induction)	No data	No data	<200	No data available

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]
Water	Water		1-3

SECTION IV. FIRST AID

- Eye Contact:** 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.
- Skin Contact:** Remove contaminated clothing. Wash affected skin with mild soap and plenty of water. If skin irritation occurs, seek medical attention. Wash affected clothing before reuse.
- Inhalation:** Move person to non-contaminated air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. If tightness or congestion develops, get medical attention.
- Ingestion:** If the material is swallowed, get immediate medical attention or advice. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth to a victim who is unconscious or is having convulsions.
- Symptoms of Exposure:** None known.
- Note to Physician:** Provide general supportive measures and treat symptomatically.

SECTION V. FIRE-FIGHTING MEASURES

- Flammability:** Refer to SECTION IX: Physical and Chemical Properties
- Combustion Products:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
- Properties that could increase fire or explosion hazard:**
Dusts at sufficient concentrations can form explosive mixtures with air.
- Extinguishing Media:** Powder, alcohol-resistant foam, CO₂ and sand.
- Fire-Fighting:** Firefighters should wear full protective clothing including self contained breathing apparatus.

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SECTION VI. ACCIDENTAL RELEASE MEASURES

RESPONSE TO SMALL SPILLS OF PRODUCT

Containment: Stop the flow of material, if this is without risk. Contain the discharged material.

Cleanup Procedures: Vacuum or sweep up material and place in a disposal container.

Required Equipment: Shovel to move material into waste container.

Additional Info: No other spill procedures necessary.

RESPONSE TO LARGE SPILLS OF PRODUCT

Containment: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

Cleanup Procedures: Avoid the generation of dusts during clean-up. Use water mist on the spilled material to wet surfaces and prevent dusting. Vacuum or sweep up material and place in a disposal container. Thoroughly wash the area with water after a spill or leak clean-up.

Required Equipment: Wear appropriate protective equipment and clothing during clean-up. Any equipment which presents a risk of accumulating static electricity should be properly grounded/bonded when used in the clean-up of this material.

Additional Info: Have emergency equipment readily available. Remove soiled clothing and laundry before reuse.

SECTION VII. HANDLING AND STORAGE

Handling: As with all chemicals, good industrial hygiene practices should be followed when handling this material. Do not get this material in your eyes, on your skin, or on your clothing. Wash thoroughly after handling. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or promptly disposed of. DUE TO THE POTENTIAL FOR COMBUSTIBLE DUST EXPLOSION, avoid conditions which may result in formation of a dust cloud. Implement best housekeeping practices to prevent accumulation of this product on surfaces. Do not use compressed air or nitrogen to remove material accumulations from surfaces. Equipment used to remove accumulated product should be protected against static ignition.

Storage: Do not store this material in open or unlabeled containers.
Storage area should be protected by appropriately designed containment to prevent release to groundwater or sewers.

SECTION VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. Explosion-proof exhaust ventilation should be used whenever processing of this product is capable of generating a dispersion of fine dust particles. Equipment should be protected by grounding/bonding techniques and intrinsically-safe electrical installation should be implemented.

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	—	—	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	OSHA
Particles (insoluble or poorly soluble) Not Otherwise Specified (PNOS)	—	—	10 mg/m ³ TWA (inhalable particles, recommended); 3 mg/m ³ TWA (respirable particles, recommended)	ACGIH

SECTION IX. PHYSICAL/CHEMICAL PROPERTIES

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

SECTION X. STABILITY AND REACTION

Stability:	Stable under normal conditions.
Conditions to Avoid:	Avoid dispersion of dust in air. Keep away from heat, ignition sources and incompatible materials.
Incompatible Materials (Reactivity):	None known.
Incompatible Materials (Storage and Transport):	No information available.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	None known.

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SECTION XI. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

- Eye Effects:** Dust or powder may irritate eye tissue.
- Skin Effects:** Not expected to be a primary skin irritant.
- Acute Oral/Ingestion:** Not a likely route of entry.
- Acute Inhalation:** This product may cause slight irritation to the respiratory system.
- Target Organs:** No known effects.

CHRONIC EFFECTS

- Mutagenicity:** No information available.
- Teratology:** No data available for this product.
- Reproductive and Developmental Toxicity:**
No information available.

CARCINOGENICITY

CHEMICAL NAME	DATA	AGENCY	LIST
Silica, amorphous	Monograph 68 [1997]; 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 DATA

- 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.
- Additional Environmental Information:**
No information 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 material in accordance with all federal, state, and local environmental regulations. Dispose of empty containers according to Local, State, Federal, and Provincial Environmental Regulations.
CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.

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SECTION XIV. TRANSPORTATION INFORMATION

Classification: Not Applicable. Not regulated in transportation. Non-hazardous material.

SECTION XV. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA):

This product is listed on the U.S. EPA TSCA Inventory.

TSCA 12b Export Notification:

This product is not subject to notification requirements.

Significant New Use Rule (US):

This material is not subject to a Significant New Use Rule under TSCA.

TSCA 8b Inventory Reset Status (US):

All substances present in this product have been designated as commercially ACTIVE on the United States TSCA inventory {15 U.S.C. §2607(b)(4)}

Domestic Substance List (DSL- CA):

All components are listed on the Domestic Substances List (DSL) or are exempt from the requirements to notify.

Hazardous Materials Information Review Act (CA):

This product does not contain any materials for which a Confidential Business Information claim has been filed with Health Canada.

National Inventory of Chemical Substances (MX):

This material is not listed on the National Inventory of Chemical Substances (INSQ) of Mexico.

APPLICABLE UNITED STATES FEDERAL and STATE REGULATIONS

Regulated Components (EHS, 313, CERCLA/SARA):

The product contains no regulated components.

Regulated Components (US Clean Air Act—All Components):

The product contains no regulated components.

STATE RIGHT-TO-KNOW INFORMATION

COMPONENT NAME	CASRN	STATE	LIST NAME
Amorphous silica	7631-86-9	Massachusetts	Right-to-Know List
Silica	7631-86-9	Pennsylvania	Right-to-Know List

California Safe Water and Toxic Enforcement Act (Prop 65):

The product contains no components which are listed on California's Proposition 65 lists.

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SECTION XVI. OTHER**Hazardous Material Information System, USA (HMIS):**

Health: 1

Flammability: 2

Reactivity: 0

Personal Protection: D

National Fire Protection Association, USA (NFPA):

Health: 1

Flammability: 2

Reactivity: 0

SDS Version Date: 03/22/2023

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.

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