



## Safety Data Sheet

### Section 1: Identification

#### Product identifier

##### Product Name

- OS

##### Synonyms

- #1 MB OS MED; #1 MB OS STD; #1 POLY OS STD; #1.0 MB OS HVY; #1.0 MB OS STD; #1/10 MB OS MED; #1/2 MB OS HVY; #1/2 MB OS MED; #1/2 MB OS STD; #1/4 MB OS HVY; #1/4 MB OS MED; #1/4 MB OS STD; #12 MB OS HVY; #12 MB OS MED; #12 MB OS STD; #15 MB OS HVY; #15 MB OS MED; #15 MB OS STD; #2 MB OS HVY; #2 MB OS MED; #20 MB OS HVY; #20 MB OS MED; #20 MB OS STD; #3 MB OS HVY; #3 MB OS LIGHT; #3 MB OS MED; #3 MB OS STD; #3 NAT OS MED; #3 POLY OS STD; #30 MB OS HVY; #30 MB OS LIGHT; #30 MB OS MED; #30 MB OS STD; #30 NAT OS HVY; #4 MB OS STD; #45 MB OS HVY; #45 MB OS MED; #45 MB OS STD; #6 MB OS HVY; #6 MB OS MED; #6 MB OS STD; #60 MB OS HVY; #60 MB OS MED; #60 MB OS STD; #9 MB OS HVY; #9 MB OS LIGHT; #9 MB OS MED; #9 MB OS STD; #90 MB OS MED; #90 MB OS STD

##### Product Code

- OS US-EN

##### Product Description

- Abrasive Polishing Compound: white to grey paste. (may be dyed other colors)

#### Relevant identified uses of the substance or mixture and uses advised against

##### Recommended use

- Abrasive Polishing Compound

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

##### Manufacturer

- Saint-Gobain Ceramic Materials, Inc.  
Innovative Organics  
4905 East Hunter Avenue, Anaheim, CA 92807  
United States  
<http://www.surfaceconditioning.saint-gobain.com/SDS.Contact@Saint-Gobain.com>

Telephone (General) • 714-701-3900 - (7:30AM - 4:30PM PST)

#### Emergency telephone number

- CHEMTREC: North America 1-800-424-9300 International 1-703-527-3887.

### Section 2: Hazard Identification

#### United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

- OSHA HCS 2012
- Not classified

#### Label elements

OSHA HCS 2012

## Precautionary statements

- Prevention** ● Use personal protective equipment as required.  
Wash thoroughly after handling.
- Storage/Disposal** ● Store in a well-ventilated place. Keep container tightly closed.  
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Other hazards

### OSHA HCS 2012

- This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

Refer to section 16 - Other Information for full text of H and P phrases.

## Section 3 - Composition/Information on Ingredients

### Substances

- Material does not meet the criteria of a substance.

### Mixtures

Composition			
Chemical Name	Identifiers	%	Classifications According to Regulation/Directive
Polyalkylene glycol	CAS:9003-13-8	50% TO 80%	OSHA HCS 2012:
Diamond	CAS:7782-40-3	1% TO 30%	OSHA HCS 2012:
Amorphous silica	CAS:112945-52-5	2% TO 20%	OSHA HCS 2012:

This product does not contain any additional significantly hazardous material according to UN GHS. Specific chemical names and/or the exact percentages of the composition have been withheld as a trade secret. This claim is in accordance with paragraph (i) of 29 CFR 1910.1200.

#### Key to abbreviations

CFR = Code of Federal Regulations

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

UN = United Nations

Refer to section 16 - Other Information for full text of H and P phrases.

## Section 4: First-Aid Measures

### Description of first aid measures

#### Inhalation

- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### Skin

- IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

#### Eye

- 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.

#### Ingestion

- Never give anything by mouth to an unconscious person. If swallowed, do NOT induce vomiting unless directed to do so by medical personnel.

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

- Skin or eye irritation, stomach ache, nausea, dizziness, or headache.

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

### Notes to Physician

- Treat symptomatically.

See Section 11 for Toxicological Information.

## Section 5: Fire-Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media** • In case of fire use media as appropriate for surrounding fire.

**Unsuitable Extinguishing Media** • None known.  
In case of fire use media as appropriate for surrounding fire.

**Firefighting Procedures** • Keep unauthorized personnel away.  
LARGE FIRES: Dike fire-control water for later disposal.

### Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards** • None expected.

**Hazardous Combustion Products** • Oxides of carbon.

### Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** • Ventilate enclosed areas. Use appropriate Personal Protective Equipment (PPE) Do not walk through spilled material.

**Emergency Procedures** • Keep unauthorized personnel away. Stay upwind. Use normal clean up procedures.

### Environmental precautions

- LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas.

### Methods and material for containment and cleaning up

**Containment/Clean-up Measures** • Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

### Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

### Other Information

- Caution: spill area may become slippery.

## Section 7 - Handling and Storage

### Precautions for safe handling

**Handling** • Avoid contact with skin, eyes, and clothing. Use appropriate Personal Protective Equipment (PPE) Use good safety and industrial hygiene practices. Wash thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

**Storage** • Keep container/package tightly closed in a cool, well-ventilated place. Keep at temperatures above freezing. Allowing freezing conditions may degrade product.

Refer to Section 8 - Exposure Controls/Personal Protection.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

**Exposure Limits/Guidelines** • None established.

### Exposure controls

#### Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Personal Protective Equipment

#### Pictograms



#### Respiratory

- Under normal conditions, respiratory protection is not necessary. In case of insufficient ventilation, wear suitable respiratory equipment.

#### Eye/Face

- Wear chemical splash safety goggles.

#### Hands

- Wear protective gloves - nitrile or butyl.

#### Skin/Body

- Wear protective gloves/protective clothing/eye protection/face protection.

### General Industrial Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice.

### Environmental Exposure Controls

- Prevent entry into waterways, sewers, basements or confined areas.

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Color	White to grey. (may be dyed other colors)
Odor	Mild odor.	Odor Threshold	No data available
General Properties			
Boiling Point	> 130 C(> 266 F)	Melting Point	< -20 C(< -4 F)
Decomposition Temperature	No data available	pH	9 to 10
Specific Gravity/Relative Density	1.05 to 1.2 @ 4 C(39.2 F) Water=1	Water Solubility	Insoluble
Solvent Solubility	Organic Solvent Soluble	Viscosity	No data available
Explosive Properties	No data available		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	> 200 C(> 392 F) estimated	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

## Section 10: Stability and Reactivity

### Reactivity

- No dangerous reaction known under conditions of normal use.

### Chemical stability

- Stable under normal temperatures and pressures.

### Possibility of hazardous reactions

- Hazardous polymerization will not occur.

### Conditions to avoid

- Keep at temperatures above freezing. Allowing freezing conditions may degrade product.

### Incompatible materials

- No data available.

### Hazardous decomposition products

- Hazardous decomposition may occur during combustion, generating oxides of carbon,

## Section 11 - Toxicological Information

### Information on toxicological effects

- Other Material Information**
- No toxicological information is available for the material as a whole.

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Classification criteria not met; Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Data lacking
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Classification criteria not met

### Potential Health Effects

#### Inhalation

##### Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

##### Chronic (Delayed)

- Under normal conditions of use, no health effects are expected.

#### Skin

**Acute (Immediate)**

- Under normal conditions of use, no health effects are expected.

**Chronic (Delayed)**

- Under normal conditions of use, no health effects are expected.

**Eye****Acute (Immediate)**

- Under normal conditions of use, no health effects are expected.

**Chronic (Delayed)**

- Under normal conditions of use, no health effects are expected.

**Ingestion****Acute (Immediate)**

- Under normal conditions of use, no health effects are expected.

**Chronic (Delayed)**

- Under normal conditions of use, no health effects are expected.

**Carcinogenic Effects**

- No component of this material in amounts greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, NTP, or OSHA.

**Key to abbreviations**

IARC = International Agency for Research on Cancer

NTP = National Toxicology Program

OSHA = Occupational Safety and Health Administration

**Section 12 - Ecological Information****Toxicity**

- This product is not expected to have toxic effects on aquatic life. It is recommended that necessary precautions be taken to prevent release of this material into sewers, streams or bodies of water.

**Persistence and degradability**

- This material is readily biodegradable.

**Bioaccumulative potential**

- No indication of bio-accumulation potential.

**Mobility in Soil**

- No data available.

**Other adverse effects****Other Information**

- No data available.

**Section 13 - Disposal Considerations****Waste treatment methods****Product waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Section 14 - Transport Information**

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA

IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

**Special precautions for user** • None specified.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • This product is provided only in non-bulk containers.

**Other information**

- This material is not a regulated hazardous material with respect to the following transportation regulations: United States Department of Transportation (US DOT), International Air Transport Association (IATA), or International Maritime Dangerous Goods (IMDG).

**Key to abbreviations**

NDA = No Data Available

## Section 15 - Regulatory Information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

State Right To Know				
Component	CAS	MA	NJ	PA
Amorphous silica	112945-52-5	No	No	No
Diamond	7782-40-3	No	No	No
Polyalkylene glycol	9003-13-8	No	No	No

Inventory		
Component	CAS	TSCA
Amorphous silica	112945-52-5	No
Diamond	7782-40-3	Yes
Polyalkylene glycol	9003-13-8	Yes

## United States

### Labor

#### U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

#### U.S. - OSHA - Specifically Regulated Chemicals

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

### Environment

#### U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

**U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities**

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs**

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

**U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing**

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

**United States - California****Environment****U.S. - California - Proposition 65 - Carcinogens List**

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

**U.S. - California - Proposition 65 - Developmental Toxicity**

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

**U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)**

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

**U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)**

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Female**

• Amorphous silica	112945-52-5	Not Listed
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• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed
<b>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</b>		
• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

## United States - Pennsylvania

### Labor

<b>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List</b>		
• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed
<b>U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances</b>		
• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

## Section 16 - Other Information

### Relevant Phrases (code & full text)

R22 - Harmful if swallowed.  
 S2 - Keep out of reach of children.  
 P264 - Wash thoroughly after handling.  
 P281 - Use personal protective equipment as required.  
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
 P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

### Preparation By

- JM

### Last Revision Date

- 25/February/2015

### Preparation Date

- 25/February/2015

### Disclaimer/Statement of Liability

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