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**SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION**


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Product Name: **OS Compound**  
 SDS Manufacturer Number: OS Compound  
 Manufacturer Name: Saint-Gobain Abrasives, Inc.  
 Address: 1 New Bond Street  
 Worcester, MA 01615  
 Website: www.sgabrasives.com  
 General Phone Number: 508-795-5000  
 Emergency Phone Number: 508-795-5000  
 CHEMTREC: For emergencies in the US, call CHEMTREC: 800-424-9300  
 Canutec: In Canada, call CANUTEC: (613) 996-6666 (call collect)

**NFPA**

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**HMIS**

|                            |          |
|----------------------------|----------|
| <b>Health Hazard</b>       | <b>1</b> |
| <b>Fire Hazard</b>         | <b>1</b> |
| <b>Reactivity</b>          | <b>0</b> |
| <b>Personal Protection</b> | <b>X</b> |

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**SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENTS**


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| <b>Chemical Name</b>                | <b>CAS#</b> | <b>Ingredient Percent</b> | <b>EC Num.</b> |
|-------------------------------------|-------------|---------------------------|----------------|
| Polyalkylene glycol monobutyl ether | 9038-95-3   | 30 - 60 by weight         |                |
| Adipate                             | No Data     | 10 - 25 by weight         |                |
| Amorphous silica                    | 7631-86-9   | 2 - 20 by weight          | 231-545-4      |
| Ethoxylated Tall Oil                | No Data     | 2 - 20 by weight          |                |
| Diamond                             | 7782-40-3   | 1 - 30 by weight          |                |

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**SECTION 3 : HAZARDS IDENTIFICATION**


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Emergency Overview: **WARNING! Irritant.**  
 Route of Exposure: **Eyes. Skin. Inhalation. Ingestion.**  
 Potential Health Effects:  
 Eye: Can cause moderate irritation, burning sensation, tearing, redness, and swelling. Overexposure may cause lacrimation, conjunctivitis, corneal damage and permanent injury..  
 Skin: Can cause skin irritation; itching, redness, rashes, hives, burning, and swelling.  
 Inhalation: Respiratory tract irritant. High concentration may cause dizziness, headache, and anesthetic effects.  
 Ingestion: Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.

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**SECTION 4 : FIRST AID MEASURES**


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|---------------|--|
| Eye Contact:  | Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention. |
| Skin Contact: | Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.      |
| Inhalation:   | If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.                                    |
| Ingestion:    | If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.                                      |

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## SECTION 5 : FIRE FIGHTING MEASURES

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|                                  |   |
|----------------------------------|---|
| Flash Point:                     | >200 °C   |
| Flash Point Method:              | Estimate  |
| Auto Ignition Temperature:       | Not determined.   |
| Lower Flammable/Explosive Limit: | Not determined.   |
| Upper Flammable/Explosive Limit: | Not determined.   |
| Fire Fighting Instructions:      | Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water. |
| Extinguishing Media:             | Use carbon dioxide (CO2) or dry chemical when fighting fires involving this material.   |
| Unsuitable Media:                | Water or foam may cause frothing.   |
| Protective Equipment:            | As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.   |

### **NFPA Ratings:**

|                    |   |
|--------------------|---|
| NFPA Health:       | 1 |
| NFPA Flammability: | 1 |
| NFPA Reactivity:   | 0 |
| NFPA Other:        |   |

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## SECTION 6 : ACCIDENTAL RELEASE MEASURES

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|                            |   |
|----------------------------|---|
| Personal Precautions:      | Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.  |
| Environmental Precautions: | Avoid runoff into storm sewers, ditches, and waterways.   |
| Spill Cleanup Measures:    | Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue. Avoid personal contact and breathing vapors or mists. Ventilate area. Use proper personal protective equipment as listed in Section 8. |
| Other Precautions:         | Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.  |

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## SECTION 7 : HANDLING and STORAGE

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|                    |   |
|--------------------|---|
| Handling:          | Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.  |
| Storage:           | Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use. |
| Work Practices:    | Wash thoroughly after handling.   |
| Hygiene Practices: | Wash thoroughly after handling.   |

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## SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

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|                       |  |
|-----------------------|--|
| Engineering Controls: | Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166. |
| Eye/Face Protection:  | Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.                      |

|                                 |   |
|---------------------------------|---|
| Hand Protection Description:    | A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. |
| Respiratory Protection:         | Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.  |
| General Hygiene Considerations: | Stable under normal temperatures and pressures.   |

## EXPOSURE GUIDELINES

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**SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES**

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|                            |  |
|----------------------------|--|
| Physical State Appearance: | Paste.   |
| Color:                     | Varies.; Yellow, Orange, Red, Brown, Blue, black, Green. |
| Odor:                      | Faint odor.  |
| Boiling Point:             | >130 °C  |
| Melting Point:             | <-10 °C  |
| Specific Gravity:          | 1.05- 1.2  |
| Solubility:                | Insoluble in water.. Approximate to water.               |
| Vapor Density:             | Not determined.  |
| Percent Volatile:          | 40 - 70  |
| pH:                        | 9 - 10   |
| Flash Point:               | >200 °C  |
| Flash Point Method:        | Estimate   |
| Auto Ignition Temperature: | Not determined.  |

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**SECTION 10 : STABILITY and REACTIVITY**

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|                                 |   |
|---------------------------------|---|
| Reactivity:                     | Not reported.   |
| Hazardous Polymerization:       | Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions.   |
| Conditions to Avoid:            | Oxidizers, acids, and chlorinated organic compounds. Reactive metals (e.g. sodium, calcium, zinc). Sodium/calcium hypochlorite. Nitrous acid/ oxide, nitrites. Peroxides. Materials reactive with hydroxyl compounds. |
| Special Decomposition Products: | Non regulated.  |

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

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**Polyalkylene glycol monobutyl ether :**

|               |  |
|---------------|--|
| RTECS Number: | YP8470000  |
| Skin:         | Administration onto the skin - Rabbit LD50 : >20 mL/kg [Details of toxic effects not reported other than lethal dose value]<br>Administration onto the skin - Rabbit Open irritation test: 500 mg [mild] |
| Ingestion:    | Oral - Rat LD50 : 6130 mg/kg [Details of toxic effects not reported other than lethal dose value]  |

**Amorphous silica :**

|               |  |
|---------------|--|
| RTECS Number: | EU8655000  |
| Eye:          | Eye - Rabbit; Standard Draize test. : 25 mg/24H; mild. (RTECS) |

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## SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity: No ecotoxicity data was found for the product.  
 Environmental Fate: No environmental information found for this product.

## SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.  
 RCRA Number: None.

## SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Non regulated.  
 DOT Exemption: Non regulated.  
 IATA Shipping Name: Non regulated.

## SECTION 15 : REGULATORY INFORMATION

**Inventory Status**

|                                     | Canada DSL | TSCA Inventory Status |  |  |  |
|-------------------------------------|------------|-----------------------|--|--|--|
| Polyalkylene glycol monobutyl ether | Listed     | Listed                |  |  |  |
| Amorphous silica                    | Listed     | Listed                |  |  |  |

**Amorphous silica :**

Canada IDL: Identified under the Canadian Hazardous Products Act Ingredient Disclosure List: 0.1%.1403(1488)

**Amorphous silica :**

EC Number: 231-545-4

**State Right To Know**

|                  | PA     | MA     |  |  |  |
|------------------|--------|--------|--|--|--|
| Amorphous silica | Listed | Listed |  |  |  |

## SECTION 16 : ADDITIONAL INFORMATION

**HMIS Ratings:**

HMIS Health Hazard: 1  
 HMIS Fire Hazard: 1  
 HMIS Reactivity: 0  
 HMIS Personal Protection: X

SDS Creation Date: July 10, 2013

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