

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

075155502

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

075155486 075155973 075156500 075157938 075158506 075159405 075159959 075160015

# Material Safety Data Sheet

MSDS No. M007

Date of Review: March 1, 2013

Supersedes MSDS dated: February 15, 2013

## SECTION 1 - PRODUCT IDENTIFICATION

**Product Name:** Pumice (All Grades) - Pumice Flour, Fine, Medium, Coarse, X-Coarse

**Product Code:** 50049140, 50049150, 50049240, 50049250, 50049340, 50049350, 50049440, 50049450, 50049550

**Synonyms:** Aluminum Potassium Silicate

**Manufacturer:** Heraeus Kulzer, LLC  
300 Heraeus Way  
South Bend, IN 46614-2517  
Phone: 800-431-1785  
FAX: 800-522-1545  
Hours: 8:00 A.M. - 4:30 P.M.  
After Hours: Chemtrec @ 1-800-424-9300

## SECTION 2 - CHEMICAL COMPOSITION / HAZARDOUS INGREDIENTS

MATERIALS	CAS #	HAZARD	% WT.	OSHA PEL	ACGIH TLV
Amorphous Silicon Dioxide	60676-860	Nuisance Particulate (8H TWA respirable dust)	71 - 72	0.1 g/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

## SECTION 3 - HAZARDS IDENTIFICATION

### \*\*\* POTENTIAL HEALTH EFFECTS \*\*\*

**Target Organs:** Eyes, Skin, Respiratory System

**Signs and Symptoms of Short-Term (Acute) Exposure:**

*Eye:* Particles may cause irritation.

*Skin:* Dermal exposure - may be irritant to skin.

**Effects of Long-Term (Chronic) Exposure:** Prolonged inhalation of dust may cause silicosis.

**Medical Conditions Aggravated by Exposure:** Pre-existing upper respiratory and lung diseases such as, but limited to, bronchitis, emphysema and asthma.

**Hygienic Practices:** Maintain exposure below the recommended TLV.

**Carcinogenicity:** IARC, NTP, and OSHA does not list any of the ingredients as a carcinogen.

**SECTION 4 - FIRST AID MEASURES**

**Inhalation:** Remove to fresh air. If cough develops receive medical attention.

**Eye Contact:** Remove contact lenses. Rinse eyes with plenty of running water for 10 - 15 minutes, including under eyelids. Receive medical attention.

**Skin Contact:** Remove contaminated clothing. Flood skin with large volume of water for at least 15 minutes.

**Ingestion:** Seek immediate competent attention.

**SECTION 5 - FIRE-FIGHTING MEASURES**

**Fire Hazards/Conditions of Flammability:** None Known

**Flash Point (Method):** Not Applicable

**Lower Flammable Limit (% by volume):** Not Applicable

**Upper Flammable Limit (% by volume):** Not Applicable

**Suitable Extinguishing Media:** Non-combustible materials

**Special Fire-Fighting Procedures/Equipment:** None Known

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Not Applicable

**Environmental Precautions:** Not Applicable

**Spill/Leak Procedures:** Cover spill with dry sand or dry vermiculite, mix well and carefully transfer to a well-marked container. Close container tightly.

**SECTION 7 - HANDLING AND STORAGE**

**Handling and Storing Precautions:** Be sure proper ventilation and respiratory and eye protection are used under dusting condition.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Ventilation and Engineering Controls:** Provide adequate ventilation to maintain exposure below the recommended TLV.

**Respiratory Protection:** Use NIOSH approved respirator.

**Protective Gloves:** Wear gloves to prevent prolonged or repeated skin contact.

**Eye Protection:** Wear protective eyeglasses or chemical safety goggles, per OSHA eye and face protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**Other Protective Equipment:** None Known

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Physical Form, Color and Odor:** Off white grain or powder  
**Odor Threshold:** None Known  
**pH:** 7.4 (10% Solution)  
**Boiling Point:** Not Applicable  
**Melting/Freezing Point:** Not Applicable  
**Vapor Pressure:** Not Applicable  
**Solubility in Water:** Insoluble  
**Coefficient of Oil/Water Distribution:** Not Applicable  
**Specific Gravity or Relative Density (water =1):** 2.3  
**Vapor Density (air =1):** Not Applicable  
**Volatile Organic Compounds (VOC's):** Not Applicable  
**Evaporation Rate:** Not Applicable

**SECTION 10 - STABILITY AND REACTIVITY**

**Stability and Reactivity:** Stable  
**Conditions to Avoid:** None Known  
**Materials to Avoid:** None Known  
**Hazardous Decomposition Products:** None Known  
**Hazardous Polymerization:** Will Not Occur

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Routes of Exposure:** No Data Available  
**Toxicological Data:** No Data Available  
**Teratogenicity, Mutagenicity, Other Reproductive Effects:** No Data Available  
**Sensitization to Material:** No Data Available

**SECTION 12 - ECOLOGICAL INFORMATION**

**General Notes:** None Known

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, State and Local regulations.

**SECTION 14 - TRANSPORTATION INFORMATION**

**Transportation of Dangerous Goods (TDG) Information:** Not Applicable

*Shipping Description:*

**49 CFR Information:** Not Applicable

*Shipping Description:*

**International Dangerous Goods Information:** Not Applicable

*IMO:*

*ICAO:*

**Other Information:** Not Applicable

**SECTION 15 - REGULATORY INFORMATION**

**WHMIS Information:** Not Applicable

**WHMIS Classification:** Not Applicable

**CEPA Information:** Not Applicable

**TSCA Information:** Components of this product is listed on the TSCA inventory.

**SARA Title III:** This product contains amorphous silica and does not contain quartz in allotropic crystalline form such as cristobalite, tridymite, etc.

**SECTION 16 - OTHER INFORMATION**

**Prepared By:** J. Mearna

**Additional Notes or References:**

**ACGIH:** American Conference of Governmental Industrial Hygienists

**IARC:** International Agency for Research on Cancer

**NIOSH:** National Institute for Occupational Safety and Health

**WHMIS:** Workplace Hazardous Materials Information System

**Revision:** Noted

We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Heraeus Kulzer, Inc., it is the user's obligation to determine the conditions of safe use of the product.