



# MATERIAL SAFETY DATA SHEET



## SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT:** GC-5 Pumice Powder

April 13, 2010

Vishay Measurements Group, Inc.  
Post Office Box 27777  
Raleigh, NC 27611

919-365-3800

CHEMTREC 1-800-424-9300 (U.S.)  
703-527-3887 (Outside U.S.)

NOTE: CHEMTREC numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

## SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CAS NUMBER	CHEMICAL IDENTITY	%
1332-09-8	Pumice	100.0

## SECTION 3: HEALTH HAZARD DATA

### Routes of Entry:

**Inhalation:** YES    **Skin:** NO    **Ingestion:** YES

**Health Hazards (Acute and Chronic):** Repeated skin exposure can produce local skin destruction or dermatitis. Repeated or prolonged exposure to the substance can produce lung damage. Repeated exposure of the eyes to a low level of dust can produce eye irritation.

**Carcinogenicity:**  
NTP: Not listed  
IARC Monographs: Not listed  
OSHA Regulated: Not listed

### Signs and Symptoms of Exposure:

**INHALATION:** Dust inhalation may cause irritation of respiratory passages. Prolonged or repeated inhalation may cause damage to respiratory system.

**EYE CONTACT:** Moderately irritating to eyes.

**SKIN CONTACT:** Moderately irritating to skin.

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

**Conditions Generally Aggravated by Exposure:** No known significant effects or critical hazards.

#### SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

**INHALATION:** Move exposed person to fresh air. Keep warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**EYE CONTACT:** Immediately flush thoroughly with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention.

**SKIN CONTACT:** Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention.

**INGESTION:** Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do NOT induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. Get medical attention.

#### SECTION 5: FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** Non-combustible.

**Flammable limits:** LEL: N/A UEL: N/A

**Extinguishing Media:** Use an extinguishing agent suitable for surrounding materials.

**Special Firefighting Procedures:** Wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode.

**Unusual Fire and Explosion Hazards:** None.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Steps to be taken if material is released or spilled:** Evacuate the area of all unnecessary personnel. Wear suitable protective equipment. Eliminate ignition sources until the area is determined to be free from explosion or fire hazards. Contain the release and eliminate its source if this can be done without risk. Take up and containerize for proper disposal. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 7: EXPOSURE CONTROLS -- PERSONAL PROTECTION

**Respiratory Protection:** Material should be handled or transferred in an approved fume hood or with adequate ventilation.

**Ventilation:** Use local exhaust if needed to provide adequate ventilation.

**Protective Gloves:** Neoprene, PVC or equivalent should be worn to prevent skin contact.

**Eye Protection:** Safety glasses with sideshields should be worn at all times.

**Other Protective Clothing or Equipment:** As needed to prevent skin contact.

**Work / Hygienic Practices:** Wash thoroughly after handling and before eating, drinking or smoking. Do not take internally. Eyewash and safety equipment should be readily available.

## SECTION 8: HANDLING AND STORAGE

**Precautions to be taken in handling and storing:** Keep container closed. Store at controlled room temperature. Do not breathe dust. Do not get in eyes. Avoid prolonged or repeated skin contact.

**Other Precautions:** Material should be handled or transferred in an approved fume hood or with adequate ventilation.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	N/A
<b>Vapor Pressure (mmHg):</b>	N/A
<b>Vapor Density (Air = 1):</b>	N/A
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	N/A
<b>Melting Point:</b>	N/A
<b>Evaporation Rate (BuAc = 1):</b>	N/A
<b>Volatile Organic Compounds:</b>	N/A
<b>Solubility in Water:</b>	Insoluble

**Appearance and Odor:** Gray powder or fine granules.

**SECTION 10: STABILITY AND REACTIVITY DATA**

**Stability:** Stable.

**Conditions to Avoid:** Dusting.

**Incompatibility (Materials to Avoid):** None known.

**Hazardous Decomposition or By-products:** Silicon Dioxide, Aluminum Oxide, Sodium Oxide, Potassium Oxide, and Ferric Oxide.

**Hazardous Polymerization:** Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Pumice

OSHA PEL:	N/E
ACGIH TLV:	N/E
OTHER:	N/E

**SECTION 12: DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Dispose of in accordance with local, state and federal regulations.

**SECTION 13: TRANSPORTATION INFORMATION**

SHIPPING NAME	CLASS	UN NUMBER
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Non-Regulated

**SECTION 14: REGULATORY INFORMATION**

**SECTION 313 SUPPLIER NOTIFICATION:**

This product contains a toxic chemical or chemicals (as listed below) subject to the reporting requirements of Section 313 Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372.

CAS NUMBER	CHEMICAL NAME	% BY WEIGHT
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Not Listed

**TSCA NOTIFICATION:**

All components of this product are listed in the Toxic Substance Control Act Chemical Substance Inventory (TSCA).

**SECTION 15: OTHER INFORMATION**

GC-5 Pumice Powder MSDS (Continued)

To the best of our knowledge, the information provided above meets the requirements of the United States Occupational Safety and Health Act and regulations established under 29 CFR 1910.1200 (g)(2)(c)(1)-(4) for a mixture of hazardous chemicals which has not been tested as a whole. The data provided on this Material Safety Data Sheet is from manufacturers of the original components. Micro-Measurements specifically disclaims any and all form of liability and/or responsibility for the application of this product.