

SAFETY DATA SHEET

Conforms with OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



Product: Pumice

Revision Date: 11/19/2015

SECTION 1 - IDENTIFICATION

Product Identifier

Product Name: Pumice

Product Code: 568-70690, 568-70750, 568-70810, 568-70870, 569-70830, 569-70850, 570-70710, 570-70770, 570-70890, 571-70730, 571-70790

Recommended Use of the Chemical and Restrictions on Use

Recommended Use: A mild abrasive used in dental laboratories for polishing acrylics.

Restrictions on Use: Use only as directed.

Details of the Supplier

Manufactured for: Integra York PA, Inc.
589 Davies Dr.
York, PA 17402 USA
1-866-854-8300

Emergency Phone Number

24-Hour Number: 1-800-535-5053

International: 1-352-323-3500

SECTION 2 – HAZARDS IDENTIFICATION

Classification

Pumice is not classified as a hazardous substance (Quartz content is below detectable limits of 0.1%)

Label Elements

Hazard Symbols(s): Not applicable

Signal Word(s): Not applicable

Hazard Statement(s): Not applicable.

Precautionary Statements: Not applicable

Other Hazards

Reference Section #7, Precautions for Safe Handling.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity, major components: Amorphous Aluminum Silicate (Al₂O₃)

MxOy • SiO₂ (M=Al, Ca, Mg + other minor metal oxides, with bound amorphous silica (SiO₂))

Other principal inert components: Complex silicates or oxides of AL, K, Na, Fe, Ca, Mg, Ti.

SECTION 4 – FIRST AID MEASURES

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First Aid Measures

Material is non-poisonous.

Inhalation: Blow nose, rinse mouth, drink water to clear throat. Remove to fresh air.

Eye Contact: Flush with copious amounts of clean water for 15 minutes. If irritation persists, consult a physician.

Ingestion: No specific measures identified.

Skin: No specific measures identified.

Most Important Symptoms and Effects (Acute and Delayed)

Inhalation: No known significant effects or critical hazards.

Eye Contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Skin: No known significant effects or critical hazards.

Indication of any Immediate Medical Attention and Special Treatment Needed

No specific measures identified.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable: Treat for surrounding material. Use an extinguishing agent suitable for the surrounding fire.

Unsuitable: None known.

Specific Hazards Arising from Chemical

No specific fire or explosion hazard identified.

Protective Equipment and Precautions for Firefighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

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Personal Precautions: Use personal protective equipment as recommended in Section #8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental Precautions: See Section #12 for ecological information.

Methods and Material for Containment and Cleaning Up

Vacuum all clean spillage. If sweeping is necessary, use a dust suppressant. Use appropriate Personal Protective, Equipment (PPE). See Section 13 for additional advice on waste disposal.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Use techniques which minimize generating dust. Material when wet may be slippery on a smooth surface. Use caution.

General Hygiene Advice: Use filter-equipped vacuum to remove dust; do not blow off with compressed air.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep container closed when not in use. Store in a dry, cool, and well-ventilated area. Keep away from incompatible materials (see section 10).

Incompatible Materials: Refer to section #10 - Stability and Reactivity.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Control Parameters

Exposure Limits: None

Appropriate Engineering Controls

No special measures are required for small quantities under normal and intended conditions of product use..

Individual Protection Measures

Respiratory Protection: Use a NIOSH approved dust respirator such as a particulate filter respirator.

Skin and Body Protection: Not required.

Eye/Face Protection: Goggles are recommended when using product.

General Work/Hygienic Practices:

Avoid vigorous shaking of bags.

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Clean clothes with vacuum hose, not by blowing off.
Handle in accordance with good industrial hygiene and safety practice. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-White powder.

Odor: None

Odor threshold: Not available.

pH: 7.2

Melting point/freezing point: Not available.

Initial boiling point and boiling range: Not available.

Flash point: Not available.

Evaporation rate: Not available.

Flammability (solid, gas): Not available.

Upper/lower flammability or explosive limits: Not available.

Vapor pressure: Not available.

Vapor density: Not available.

Relative Density: Not available.

Specific Gravity: 2.35

Solubility(ies): Not available.

Solubility in water: Negligible.

Partition coefficient (n-octanol/water): Not available.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Viscosity: Not available.

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

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Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: None under normal use. Hazardous polymerization will not occur.

Incompatible materials: No incompatibility. (Reacts with hydrofluoric (HF) acid: soluble in HF).

Hazardous decomposition products: May react with hydrofluoric acid to form toxic silicon tetrafluoride gas.

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Likely Routes of Exposure: **Inhalation:** Yes, **Ingestion:** Non-Hazardous, **Skin:** No

Information Related to Physical, Chemical, and Toxicological Effects

Silica-Group 3. (Not classifiable as to carcinogenicity to humans.)
Classified as a Nuisance Dust Only.

Carcinogenicity: NTP: No IARC Monographs: Vol. 68 (1997) OSHA Regulated?: No

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Signs and Symptoms of Exposure: In extreme exposures, some congestion may occur.

Medical Conditions which may be aggravated by exposure: Pre-existing upper respiratory and lung disease such as, but not limited to, Emphysema and Asthma.

Acute Health Effects: Transitory upper respiratory irritant.

Chronic Health Effects: Inhalation of high levels of any nuisance dust over long periods of time may cause lungs to be more vulnerable to pneumoconiosis (lung disease).

SECTION 12 – ECOLOGICAL INFORMATION

No special Considerations.

Ecotoxicity: Not Available.

Persistence and degradability: Not Available.

Bioaccumulative potential: Not Available.

Mobility in soil: Not Available.

Other adverse effects: Not Available.

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SECTION 13 – DISPOSAL CONSIDERATIONS

Bury as non-toxic waste in an approved landfill in accordance with all applicable local, state, and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

Not controlled by IATA and to be considered as non-dangerous goods.

DOT (Ground): Not regulated

IATA (Air): Not regulated

IMDG (Vessel): Not regulated

SECTION 15 – REGULATORY INFORMATION

Not regulated.

SECTION 16 – OTHER INFORMATION

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