

MATERIAL SAFETY DATA SHEET

Revised/Reviewed: April 11, 2012

PUMICE

(REF 568-70690, 568-70750, 568-70810, 568-70870, 569-70830, 569-70850, 570-70710, 570-70770, 570-70890, 571-70730, 571-70790)

A mild abrasive used in dentistry for polishing and prophylaxis.

Section 1- Product and Company Information

Manufactured for: Integra York PA, Inc., 589 Davies Drive, York, PA 17402

Information: 717-840-9335, 717-840-9347 (fax)

Chemical Name & Synonyms: Pumice, Volcanic glass

Chemical Formula: $M_xO_y \bullet SiO_2$ (M=Al, Ca, Mg + other minor metal oxides, with bound silica (SiO₂)).

In Case of Emergency: 1-800-535-5053

Section 2 – Composition/ Information on Ingredients

<u>Component</u>	<u>CAS Number</u>
------------------	-------------------

Pumice	1332-09-08
--------	------------

No hazardous ingredients. Major component is Amorphous Silicon dioxide (SiO₂) with complex silicates or oxides of AL, K, Na, Fe, Ca, Mg, Ti.

Section 3 – Hazard(s) Identification

Potential Health Effects: Classified as nuisance dust.

Primary Route(s) of Entry: Inhalation - No; Skin - No; Ingestion – Non-hazardous

Carcinogenicity: NTP Program- No IARC Program- Vol. 68 (1997), OSHA Regulated- No Silica-Group 3,
(No carcinogenicity to humans)

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

Medical Conditions 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 4 - First Aid Measures

Material is non-poisonous.

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

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

Section 5 – Fire Fighting Measures

Material is non-flammable.

Flash Point: Not applicable

Flammable Limits: Not applicable LEL: Not applicable UEL: Not applicable

Extinguishing Media: Not applicable

Special Fire Fighting Procedures: Not applicable

Unusual Fire and Explosion Hazards: None

Section 6 – Accidental Release Measures

Spill Response: Vacuum clean spillage. If sweeping is necessary, use a dust suppressant.

Section 7 – Handling and Storage

Handling: Use techniques that minimize generating dust. Avoid vigorous shaking of bags. Clean clothes with vacuum hose, not by blowing off. Use filter-equipped vacuum to remove dust; do not blow off with compressed air. Material, when wet, may be slippery on a smooth surface; use caution.

Storage: No special precautions.

Section 8 – Exposure Controls/ Personal Protection

Ventilation: Local exhaust recommended.

Respiratory Protection: Use an approved dust mask, such as a particulate filter respirator.

Eye Protection: Goggles recommended.

Protective Gloves: Not required.

Other: Not required.

Section 9 - Physical and Chemical Properties

Physical State: Solid

Appearance and Odor: Off-white powder with no odor

Specific Gravity (Water=1): 2.35

Boiling Point: Not applicable

Vapor Pressure (mm Hg): Not applicable

Melting Point: Not applicable

Vapor Density (Air=1): Not applicable

Evaporation Rate (Butyl Acetate= 1): Not applicable

Solubility in Water: Negligible

Section 10 – Stability and Reactivity

Stability: Stable.

Conditions to Avoid: No special precautions

Incompatibility (Materials to Avoid): No incompatibility. (Reacts with hydrofluoric acid: soluble in HF)

Hazardous Decomposition Byproducts: May react with hydrofluoric acid to form toxic silicon tetra-fluoride gas.

Hazardous Polymerization: Will not occur.

Section 11 – Toxicological Information

No information available.

Section 12 – Ecological Information

No information available.

Section 13 – Disposal Considerations

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

Section 14 – Transport Information

DOT Hazard Class: Non-hazardous.

Section 15 – Regulatory Information

No information available.

Section 16 – Other Information

HMIS Code: Health = 0; Flammability = 0; Reactivity = 0
(0=minimal hazard, 1=slight hazard, 2=moderate hazard, 3=serious hazard, 4=extreme hazard)

Liability Disclaimer: MSDS information is provided based on OSHA's Hazardous Communication Regulation and for use of the persons required to receive this information under this regulation. The information is neither designed nor recommended for any other use or for use by any other person, including compliance with other laws. Integra York PA, Inc. (the "Company") does not warrant the suitability for use of this MSDS for any other material or product not specifically identified herein. The Company does not warrant the accuracy or authenticity of this MSDS unless it has been obtained directly from the Company, or posted or viewed on a Company website. This MSDS is based on information that is believed to be reliable, but may be subject to change as new information becomes available. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. Since the use of this material is not under the Company's control, each user is responsible for making their own determination as to the safe and proper handling of this material in their own particular use of this material. The Company makes no representation or warranty, either expressed or implied, including as to merchantability or fitness for a particular purpose.