

I. General Information:	
Chemical Name & Synonyms:	Silica, Crystalline Free Silica, Quartz, Ground Silica, Silica Flour
Chemical Family	Silicone dioxide (CAS # 14808-60-7)
Trade Name & Synonyms	PUMICE (CAS # 1332-09-8)
Formula	--
DOT Shipping Name	Not DOT regulated
DOT Hazard Classification	--

II. Ingredients:		
Principal Hazardous Components	Percent	Threshold Limit Value (units)
Silica, Crystalline Quartz (respirable)	< 0.1%	OSHA PEL- 0.1 mg/m ³ 8-hr. TWA (respirable dust).
		ACGIH TLV-0.1 mg/m ³ TWA (respirable dust).
Pumice may contain free silica up to a maximum of 0.1%. Respirable pumice contains less than 0.1% crystalline silica based on lab tests.		

III. Physical Data:		
Boiling Point (°C)	Not applicable	Specific Gravity (H ₂ O=1): 2.35
Vapor Pressure (mm Hg)	Not applicable	Percent Volatile By Volume (%): None
Vapor Density (Air=1)	Not applicable	Evaporation Rate (butyl acetate =1): Not applicable
Solubility in Water	Non-soluble	pH: Undetermined
Appearance and Odor: Fine grained particles or powder with no odor		

IV. Fire and Explosion Hazard Data:		
Flash Point (Test Method)	Non-flammable	Auto Ignition Temp: Not applicable
Flammable Limits	Not applicable	LEL: -- UEL: --
Extinguishing Media	Not applicable	
Special Fire Fighting Procedures	None	
Unusual Fire & Explosion Hazards	None.	

Miscellaneous: Airborne silica is recognized by the State of California as a chemical known to cause cancer (Prop. 65).

V. Health Hazard Data

OSHA Permissible Exposure Limit: 0.1 mg/m ³ TWA (respirable silica dust).	ACGIH Threshold Limit Value: 0.1 mg/m ³ TWA (respirable crystalline dust).
Carcinogen – NTP Program: No*	Carcinogen – IARC Program: No*
Symptoms of Exposure	When inhaled, pumice may cause respiratory irritation. In extreme exposure, some congestion may occur. Eye contact may cause temporary irritation and inflammation.
Medical Conditions Aggravated By Exposure	Pre-existing upper respiratory and lung disease such as, but not limited to, Bronchitis, Emphysema and Asthma.
Primary Route(s) of Entry	Inhalation.
Emergency First Aid	EYE- Flush eyes with copious amount of water. If irritation persists, consult a physician.
* This product may contain low levels of crystalline silica which IARC classifies as probably carcinogenic to humans. However, there is no evidence to indicate that the trace amounts of crystalline silica present in this product have a carcinogenic effect. This product is considered a nuisance dust by the ACGIH and OSHA.	

VI. Reactivity Data:

Stability		Unstable	Conditions To Avoid	None in designed use.
	<input checked="" type="checkbox"/>	Stable		
Incompatibility			Materials To Avoid	Hydrofluoric acid
Hazardous Polymerization		May Occur	Conditions To Avoid	None known.
	<input checked="" type="checkbox"/>	Will Not Occur		
Hazardous Decomposition Products: May react with hydrofluoric acid to form toxic silicon tetra-fluoride gas.				

VII. Environmental Protection Procedures:

Spill Response	Vacuum clean spillage. If sweeping is necessary, use a dust suppressant.
Waste Disposal Method	Dispose of in accordance with all applicable federal, state, and local regulations.

VIII. Special Protection Information:

Eye Protection: Chemical safety goggles.	Skin Protection: Not normally required
Respiratory Protection (Specific Type): NIOSH/ OSHA approved respirator for protection against nuisance dust.	Ventilation Recommended: Local if necessary to maintain allowable PEL or TLV levels.
Other Protection: None	

IX. Special Precautions:

Practices In Handling & Storage: Repair all broken bags/ containers immediately. Maintain good housekeeping practices.
DISCLAIMER OF LIABILITY
The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, additional safety precautions may be required. We make no guarantee of results, and assume no liability for damages incurred by use of this material. We make no warranty, either express or implied, including merchantability and fitness. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.
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