

ZEODORIZER LLC

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTITY

Manufacturers Name: ZEODORIZER LLC
Address:
Emergency Telephone Number: 760-403-7321
Plant Telephone Number: AUSTIN PETELKSI
Person Responsible for Preparation: PUMICE AGGREGATE
Date:
Common Name (used on label):
Chemical Family: AMORPHOUS SILICATES
Chemical Name: DOES NOT APPLY
Formula: DOES NOT APPLY
Trade Name & Synonyms: PUMICE, OSOLITE

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous component	CAS #	% Typical	TLV (units)	PEL (units)
AMORPHOUS SILICATE**	unknown	75 - 90	3mg/m ³	5mg/m ³
FELDSPAR**	unknown	0 - 7	3mg/m ³	5mg/m ³
CALCITE CALCIUM CARBONAT E	unknown	0 - 7	10mg/m ³	5mg/m ³
DIOPSIDE**	unknown	0 - 1	3mg/m ³	5mg/m ³

* Respirable fraction only. ** Exposure values are for nuisance particulates.

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA).

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists (ACGIH).

SECTION 3 - PHYSICAL DATA

Boiling Point: DOES NOT APPLY
Specific Gravity (H₂O = 1): 0.90 - 1.4
Vapor Pressure (mm = Hg): DOES NOT APPLY
Percent Volatile by Volume: 0%
Vapor Density (Air = 1): DOES NOT APPLY
Evaporation Rate (n=Butyl Acetate): DOES NOT APPLY
Percent Soluble in Water: INSOLUBLE
Reactivity in Water: NONE
Appearance and Odor: WHITE VOLCANIC ROCK. ROUGH TEXTURE. NO ODOR.

Hazardous Material Information System Identifier (HMIS)

HEALTH = 1* FLAMMABILITY = 0 REACTIVITY = 0 PERSONAL PROTECTION = X

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point: WILL NOT IGNITE
Flammable Limits in Air (% by Volume): Lower: DOES NOT APPLY Upper: DOES NOT APPLY
Extinguishing Media: DOES NOT APPLY
Auto Ignition Temperature: DOES NOT APPLY
Unusual Fire and Explosion Hazards: NONE
Special Fire Fighting Procedures: NONE

SECTION 5 - HEALTH INFORMATION

SIGNS AND SYMPTOMS OF EXPOSURE:

(1) Acute Overexposure - CONGESTION OF NASAL PASSAGES AND RESPIRATORY SYSTEMS. EXCESSIVE DUST MAY CAUSE ABRASION OF CORNEA.

(2) Chronic Overexposure - EXCESSIVE EXPOSURE BY INHALATION OVER AN EXTENDED PERIOD OF TIME MAY RESULT IN THE DEVELOPMENT OF PULMONARY DISEASES INCLUDING PNEUMONOCOINOSIS, SILICOSIS, OR LUNG CANCER. DUST CAN CAUSE INFLAMMATION OF THE LINING TISSUE OF THE INTERIOR OF THE NOSE AND INFLAMMATION OF THE CORNEA.

Medical Conditions Generally Aggravated by Exposure - RESPIRATORY DISORDERS OR DISEASES MAY BE AGGRAVATED BY EXPOSURE TO DUST OF THIS MATERIAL.

Chemical/Component Listed as Carcinogen: QUARTZ
Other Exposure Limits: NTP: YES IARC: YES OSHA: NO
NONE

Emergency & First Aide Procedures for Indicated Routes of Entry:

INHALATION - REMOVE FROM EXPOSURE. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CONSULT A PHYSICIAN.

EYES - WASH EYES WITH RUNNING WATER. DO NOT RUB EYES! IF IRRITATION PERSISTS, OBTAIN MEDICAL ASSISTANCE.

SECTION 6 - REACTIVITY DATA

Stability:	STABLE
Conditions to Avoid:	DOES NOT APPLY
Incompatibility (Materials to Avoid):	NONE
Hazardous Decomposition or Combustion Products:	NONE
Hazardous Polymerization	WILL NOT OCCUR

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Leaked or Spilled - CLEAN-UP OF SPILLS MAY REQUIRE PERSONAL PROTECTIVE EQUIPMENT TO PREVENT DUST EXPOSURES. SEE SECTION 8.

Waste Disposal Method - IF THIS MATERIAL, AS PROVIDED BY THE MANUFACTURER, BECOMES A WASTE, IT DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE AS DEFINED BY THE ENVIRONMENTAL PROTECTION AGENCY UNDER THE AUTHORITY OF THE RESOURCE CONSERVATION AND RECOVERY ACT (40 CFR 261). DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 8 - PERSONAL PROTECTION INFORMATION

Respiratory Protection:	NIOSH/MSHA APPROVED FOR PROTECTION AGAINST SILICA AND NUISANCE DUSTS.
Ventilation:	GENERAL OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV/PEL.
Protective Gloves:	TO PROTECT FROM ABRASION
Eye Protection:	SAFETY GLASSES, GOGGLES, OR FACE SHIELD, WHEN NECESSARY TO PREVENT EYE CONTACT.
Other Protective Clothing or Equipment:	NONE

SECTION 9 - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing - SHOULD BE STORED IN A MANNER TO PREVENT ACCUMULATIONS OF AIRBORNE DUST.

Other Precautions - WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

SECTION 10 - TRANSPORTATION

Pumice is not considered to be a hazardous material per the following regulations: 40 CFR, IMCO, TARIFF 6d, IATA, MILITARY AIR

Shipping Name: PUMICE