

MATERIAL SAFETY DATA SHEET

SECTION 1: COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL NAME:	CAS REGISTRY NUMBER:	% APPROX:
Amorphous silica (non crystalline)	7631-86-9	>70
Alumina	1344-28-1	12-15
Iron Oxide	1309-37-1	1-3
Crystalline Silica	14808-60-7	0.4
Magnesium Oxide	1309-48-4	0.03-2

SECTION 2: HEALTH HAZARD DATA

Primary route of entry:	Inhalation: Yes Skin: No Ingestion: No
Acute Symptoms:	Eye contact: Minor irritation to the eyes. Inhalation: Dust may irritate the nose, throat and respiratory track by mechanical abrasion. Coughing, sneezing and shortness of breath may occur. Skin contact: Direct contact may cause irritation and redness, by mechanical abrasion. Ingestion: Ingestion of large amounts may cause gastrointestinal irritation and blockage.
Chronic Symptoms:	Inhalation: Chronic exposure to respirable dust in excess of appropriate exposure limits may cause lung disease.

SECTION 3: FIRST AID MEASURES

Eye contact:	Immediately flush eyes with lots of clean water for at least 10 minutes while holding the eyelid open. Beyond flushing, do not attempt to remove material from the eyes. If irritation persists, or later develops, please contact a doctor.
Inhalation:	Move to an area with fresh air. Blow nose, rinse mouth and drink water to clear throat. If irritation persists, or later develops, please contact a doctor.
Skin contact:	Wash with soap and water. If irritation persists, or later develops, please contact a doctor.
Ingestion:	If person is conscious, give large quantity of water or milk. Vomiting may occur spontaneously, but it is not necessary to induce. Get immediate medical attention.

SECTION 4: REACTIVITY DATA

Stability:	Stable
Conditions to avoid:	None known
Incompatibility:	Strong oxidizers (i.e. fluorine, boron, trifluoride, chlorine, trifluoride, manganese trifluoride) may cause fire and/ or explosions if brought into contact. Silica dissolves in hydrofluoric acid, producing a corrosive gas (silicon tetrafluoride)
Hazardous Decomposition:	Will not occur
Hazardous Byproducts:	Respirable dust particles may be generated by handling
Hazardous polymerization:	Will not occur. No conditions to avoid

SECTION 5: HEALTH HAZARD DATA

Primary route of entry:	Inhalation: Yes Skin: No Ingestion: No
Acute Symptoms:	Eye contact: Minor irritation to the eyes. Inhalation: Dust may irritate the nose, throat and respiratory track by mechanical abrasion. Coughing, sneezing and shortness of breath may occur. Skin contact: Direct contact may cause irritation and redness, by mechanical abrasion. Ingestion: Ingestion of large amounts may cause gastrointestinal irritation and blockage.
Chronic Symptoms:	Inhalation: Chronic exposure to respirable dust in excess of appropriate exposure limits may cause lung disease.
Carcinogenicity:	Pumice is not listed as a carcinogen by the NTP, OSHA or IARC NTP National Toxicology Program. OSHA Occupational Safety and Health Administration IARC International Agency on Research on Cancer
Medical conditions aggravated by exposure:	Inhaling respirable dust may aggravate pre-existing respiratory system and lung diseases such as emphysema or asthma. Exposure may aggravate eye conditions.

SECTION 6: FIRST AID MEASURES

Eye contact:	Immediately flush eyes with lots of clean water for at least 10 minutes while holding the eyelid open. Beyond flushing, do not attempt to remove material from the eyes. If irritation persists, or later develops, please contact a doctor.
Inhalation:	Move to an area with fresh air. Blow nose, rinse mouth and drink water to clear throat. If irritation persists, or later develops, please contact a doctor.
Skin contact:	Wash with soap and water. If irritation persists, or later develops, please contact a doctor.
Ingestion:	If person is conscious, give large quantity of water or milk. Vomiting may occur spontaneously, but it is not necessary to induce. Get immediate medical attention.

SECTION 7: PERSONAL PROTECTION AND CONTROL MEASURES

Ventilation:	For indoor applications local exhaust or general ventilation
Respiratory protection:	Use an approved dust mask, such as a particulate filter respirator
Skin protection:	No special precautions
Eye protection:	Safety glasses with side shields should be worn as minimum protection. Dust goggles should be worn when excessive (visible) dust conditions are present or anticipated. Contact lenses should not be worn when working with this product
Hygiene:	Ordinary personal hygiene

SECTION 8: STORAGE AND HANDLING PRECAUTIONS

Storage:	No special precautions
Handling:	Use techniques that minimize generating dust. Clean clothes by washing. Do not blow off dust with compressed air. Generally the personal protection and control measures identified in section 8 should be applied as appropriate
Skin protection:	No special precautions
Eye protection:	Safety glasses with side shields should be worn as minimum protection. Dust goggles should be worn when excessive (visible) dust conditions are present or anticipated. Contact lenses should not be worn when working with this product

SECTION 9: SPILL, LEAK AND DISPOSAL PRACTICES

Release or spill:	Spilled materials, where dust can be generated, may overexpose cleanup personnel to respirable sand or dust. Wetting of spilled material and/or use of respiratory protective equipment may be necessary. Generally the personal protection and control measures identified in section 8 should be applied as appropriate
Waste disposal method:	According to the regulations at the place of use.
Ecological, general:	This product is a naturally occurring material that is not expected to be harmful to the environment.

NOTICE: Based on research of available data, LAVA-LITE believes that the information contained in this Material Safety Data Sheet is accurate. The suggested procedures are based on data and experience as of the date of preparation of this MSDS that is believed to be reliable, but may be subject to change as new information becomes available. The suggestions should not be confused with nor followed in violation of applicable laws, regulations or any other rules. 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 LAVA-LITE's control, each user is responsible for making their own determination as to safe and proper handling of this material in their own particular use of this material.