

Material Safety Data Sheet



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Section I. PRODUCT INFORMATION

Product Name: LVH Abrasive	CAS No. 65997-17-3
Chemical Name: Soda-Lime Silicon Dioxide Glass	
Description: Abrasives manufactured from recycled glass.	
DOT Classification: Non-hazardous	

Section II. HAZARDOUS INGREDIENTS

Glass sand is not classified as a hazardous material by the criteria of the OSHA Hazard Communications Standard, Title 29, Code of Federal Regulations, Section 1910.1200, *Hazard Communication*.

Contains no free (or crystalline) silica; all components are amorphous/non-crystalline; chemicals used to produce glass are not available to the environment unless the product is heated significantly or ground to an extremely fine particle size. Dust normally is a nuisance except caution is to be exercised from exposure to dust significantly.

OSHA PEL/TWA Limit is 10mg/m ³	ACGIH TLV-TWA limits is 0.05 mg/m ³ (crystalline silica)
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Many glass products are made with metal oxides. While the metals are bound up in a glass matrix, grinding to an extremely fine mesh size can liberate some of the metals in the glass. Normal grinding will generally not produce "glass flour or powder" fine enough to liberate metals.

Section III. PHYSICAL DATA

Boiling Point (°F): Approx. 2500°F	Solubility in Water: Insoluble	Specific Gravity: 2.5
Vapor Pressure: N/A	Evaporation Rate: N/A	% Volatile by Volume: N/A
Vapor Density: N/A	Appearance & Odor: Odorless, transparent or colored particulate	

Section IV. FIRE & EXPLOSION DATA

Non-flammable and non-hazardous inorganic material.

Section V. REACTIVITY DATA

Stability: Material is stable	Hazardous Polymerization: Will not occur
Materials to Avoid: Hydrofluoric Acid	Hazardous Decomposition Products: None

Section VI. HEALTH HAZARD DATA

Nuisance Dust (total): 10 mg/m³ TLV (units) depends upon particle size

Nuisance Dust (Respirable): 5 mg/m³ TLV (units) depends upon particle size

Routes of Entry:	Lungs (breathing): Yes	Ingestion: No	Skin: No
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Health Hazard (Acute & Chronic): Dust in excess of recommended exposure limits may result in irritation to the respiratory tract.

Carcinogenicity	NTP: Not Listed	IARC Monographs: Not Listed	OSHA Regulation: Not Listed
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Signs & Symptoms of Exposure: Eye and respiratory irritation may result if recommended exposure limits are exceeded; product may irritate skin; sneezing, runny eyes and coughing may result from over exposure to glass dust.

Medical Conditions Generally Aggravated by Exposure: Chronic lung conditions may be aggravated by exposure to high concentrations of dust.

Emergency & First Aid Procedures:	Eyes: Flush thoroughly with water. See a physician if discomfort persists. Respiratory: Remove to fresh air.
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Section VII. PRECAUTIONS FOR SAFE HANDLING & USE

Steps to be taken in case of material spill: Sweep up and discard; avoid excessive dusting.

Waste Disposal Method: Dispose in approved disposal facility in accordance with federal, state and local regulations.

Precautions for handling & storing; spillage may result in slippery conditions. When transferring material, care should be taken to avoid dusting.

This material is not a SARA Title III reportable substance.

Section VIII. CONTROL MEASURES

Respiratory protection: If dust concentrations exceed recommended Permissible Exposure Limits, use NIOSH-approved respirators in accordance with appropriate OSHA and safety practices, including personal protective equipment (PPE).

Ventilation: Local exhaust Protective Gloves: As determined necessary by user for application of product.

Eye Protection: NIOSH-approved safety glasses or goggles (tight fitting recommended)

Other Protective Clothing or Equipment: None required

The opinions expressed herein are those of competent personnel within LVH Industries, Inc. LVH Industries, Inc. believes that the information contained herein is current and accurate for the normal and intended use of the data of this Material Safety Data Sheet. Since the use of this information and of those opinions or the conditions of use of the product are not within the control of LVH Industries, Inc., it is the users obligation to determine and observe the conditions of safe use and disposal of the product by their operations. LVH Industries, Inc. will not be liable for any loss, damage or injury arising out of the use thereof.

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