



# Material Safety Data Sheet

Section I. PRODUCT INFORMATION			
Product Name: VitroGrit®	CAS No. 65997-17-3	Chemical Name: Soda-Lime Silicon Dioxide Glass	
Description: Sand manufactured from recycled glass		DOT Identification: Not regulated by DOT	
Section II. HAZARDOUS INGREDIENTS			
Glass sand is not classified as a hazardous material by the criteria of the OSHA Hazard Communication Standard, Title 29, Code of Federal Regulations, Section 1910.1200, <i>Hazard Communication</i> .			
Contains no free (or crystalline) silica; all components are amorphous/non-crystalline			
Nuisance Dust concern only			
Section III. PHYSICAL DATA			
Boiling Point (°F): N/A	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/m <sup>3</sup> TLV (units) depends upon particle size			
Nuisance Dust (Respirable): 5 mg/m <sup>3</sup> TLV (units) depends upon particle size			
Routes of Entry:	Lungs (breathing): Yes	Ingestion: No	Skin: No
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
Signs & Symptoms of Exposure: Eye and respiratory irritation may result if recommended exposure limits are exceeded.			
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			
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 landfill 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			
Ventilation: Local exhaust	Protective Gloves: None		
Eye Protection: NIOSH-approved safety glasses or goggles (tight fitting recommended)			
Other Protective Clothing or Equipment: None required.			

**Abbreviations:**  
 N/A - Not Applicable  
 mg/m<sup>3</sup> - milligrams per cubic meter  
 TLV - threshold limit value  
 NIOSH - National Institute of Safety and Health

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