

# Glass Advantage, Inc.

## Material Safety Data Sheet

<b>Section I. PRODUCT INFORMATION</b>		
Product Name: Blast Glass		
Chemical Name: Soda-Lime Silicon Dioxide Glass		
Description: Pigmented epoxy-coated recycled glass aggregate		
DOT Identification: Not regulated by DOT		
<b>Section II. HAZARDOUS INGREDIENTS</b>		
Glass sand is not classified as hazardous material by the criteria of the OSHA Hazard Communication 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 above 2,000°F or ground to an extremely fine particle size.		
Nuisance dust concern only.		
Coating is an aqueous-based, two-part epoxy system; Part A modified bisphenol A-ECH resin; Part B modified epoxy amine adduct.		
Pigments added to resin are commercially available pigments compatible with epoxy.		
Dried pigments contain organic and inorganic compounds that are trade secrets.		
<b>Section III. PHYSICAL DATA</b>		
Boiling Point °F: Approx. 2500°	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	Melting Point: Approx. 1000° to 1500° F	
Appearance & Odor: Odorless, transparent, or colored to particulate		
<b>Section IV. FIRE &amp; EXPLOSION DATA</b>		
Flash point of resin >200°F; glass is non-flammable and non-hazardous inorganic material		
<b>Section V. REACTIVITY DATA</b>		
Stability: Material is stable under normal conditions		Hazardous Polymerization: Will not occur
Materials to Avoid: Hydrofluoric Acid and other strong oxidizing agents.		Hazardous Decomposition Products: None
<b>Section VI. HEALTH HAZARD DATA</b>		
Nuisance dust (total): 10mg/m <sup>3</sup> TLV (units) depends upon particle size		
Nuisance dust (Respirable): 5mg/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 commended 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 discomforts persist.		
Respiratory: Remove to fresh air		
<b>Section VII. PRECAUTIONS FOR SAFE HANDLING &amp; USE</b>		
Steps to be taken in case of material spill: Sweep up and discard; avoid excessive dusting.		
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.		
<b>Section VIII. CONTROL MEASURES</b>		
Respiratory protection: If dust concentrates exceeded recommended		
Permissible Exposure Limits, use NIOSH-approved respirators.		
Ventilator: Local exhaust		
Protective Gloves: None		
Eye Protection: NIOSH-approved safety glasses or goggles (tight fitting recommended)		
Other Protective Clothing or Equipment: None required.		