

MATERIAL DATA SAFETY SHEET May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.	U.S. DEPARTMENT OF LABOR Occupational Health and Safety Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072
Series : Unique MUD	Unique MUD

SECTION I:

Manufacturer's Name: Unique Glass Colors, LLC	Emergency Telephone Number: (407) 261-0900
Address: 300 Ryder Ln Suite 1000	Telephone Number for Information: (407) 261-0900
Casselberry, FL 32707	Prepared By: MSDS Department Date: 4/22/2010

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CSA#	OSHA PEL	ACGIH TLV	Other limits	%
Crystalline Silica	60676-86-0	0.1 mg/m3	0.05mg/m3		
Boron Oxide (component of frit)	1303-86-2	10mg/m3	10mg/m3		
Calcium Oxide (component of frit)	1305-78-8	5mg/m3	2 mg/m3		
Aluminum Oxide (component of frit)	1344-28-1	10 mg/m3	10 mg/m3		
Silicone Dioxide (component of frit)	7631-86-9	6mg/m3	10mg/m3		
The compounds listed above are present only as ingredients in Frit (CAS#65997-18-4). Frit is a mixture of inorganic chemical substances produced by rapid quenching a molten complex combination of materials, confining the chemical substances thus manufactured as non-migratory components of glassy solid flakes or granules.					
Zircon	7440-67-2		5mg/m3		
Aqua Ammonia	1336-21-6				0.2%

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	212° F	Specific Gravity (H₂O=1)	1.7
Vapor Pressure (mm Hg):	N/A	Melting Point:	>1500°
Vapor Density (Air=1):	N/A	Evaporation Rate (Butyl Acetate=1)	N/A
Solubility in Water: Dilutable			
Appearance and Odor: White or black Paste. Slight ammonia odor.			

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method used): Non-flammable	Flammable Limits: N/A	LEL: N/A	UEL: N/A
Extinguishing Media: None required Special Fire Fighting Procedures: N/A			
Unusual Fire and Explosion Hazards: None			

SECTION V: REACTIVITY DATA PRODUCT: Unique MUD

Stability	Unstable		Conditions To Avoid: None
	Stable	X	
Incompatibility (Materials to Avoid): None			
Hazardous Decomposition or Byproducts: None			
Hazardous Polymerization	Unstable		Conditions to Avoid: None
	Stable	X	

SECTION VI: HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation? Dust or mist.	Skin? No	Ingestion? yes
Health Hazards(Acute and Chronic): Silica is not a hazard unless product is reduced to a dust and dispersed in the air, or product is applied by spraying. Inhalation of vapor may cause headache, nausea and irritation of nose, throat, lungs.			
Carcinogenicity:	NTP? No	OSHA Regulated? No	IARC Monographs? No
Signs and Symptoms of Exposure: Nausea, headache, irritation of nose, throat and lungs			
Medical Symptoms Aggravated by Exposure: Abrasive, can irritate eyes, skin and lungs			
Emergency and First Aid Procedures: <u>Eye Contact</u> – Flush with water for 15 minutes.			
<u>Skin Contact</u> – Wash with mild soap and water. <u>Ingestion</u> – seek medical attention. <u>Inhalation:</u> Move to fresh air.			

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in Case Material is Released or Spilled: Uncontaminated material may be recovered and used, otherwise clean up with paper towels and dispose of in trash receptacle.
Waste Disposal Method: Dispose of according to State and Federal regulations
Other Precautions: If spraying, the use of a NIOSH approved respirator for dust and mists is required.
Precautions to be Taken in Handling and Storing: Protect from freezing. Close lid tightly to prevent material from drying. Practice good housekeeping. Keep out of reach of children.

Product: Unique MUD

SECTION VIII: CONTROL MEASURES

Respiratory Protection: Only if spraying	
Ventilation: local exhaust if necessary .	
Protective Gloves: Optional	Eye Protection: Avoid eye contact.
Work/Hygenic Practices: Cleanliness	

The information and recommendations contained in this Material Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide for itself what safety measures are necessary to safely use this product, either alone or in combination with other products.

Unique MUD