

# Brilliance Grout Stain

## Material Safety Data Sheet

### 1. Product and Company Information:

Product Name: Brilliance Grout Stain

Manufacturer: Bonded Materials Company  
 4330 N. 43<sup>rd</sup> Avenue, Suite B-4  
 Phoenix, Arizona 85031, USA  
 Phone: 623-873-0001 Fax: 623-873-0007  
 Contact: Jim Kleen [www.bondedmaterials.com](http://www.bondedmaterials.com)

### 2. Hazards Identification

#### Emergency Overview

Color: Thick white to colored  
 Physical State: textured mixture  
 Odor: mild ammonia odor

**Primary Routes of Entry:** Inhalation, Skin Contact, Eye Contact, Ingestion

**Eye Contact:** Irritant, severe eye irritation. May cause eye injury. Effect may be delayed

**Skin Contact:** Contains Portland cement and exposure to dry Portland cement may cause drying of skin with consequent irritation. Prolonged contact with wet Portland cement may cause severe, potentially irreversible damage to the skin in the form of chemical (caustic) burns.

**Skin Absorption:** NA

**Inhalation:** Dust can cause inflammation of interior of nose and eyes. Prolonged exposure to dust over the TLV may cause scarring of the lungs and delayed lung injury (silicosis).

**Ingestion:** If accidentally ingested, mortar may set and cause bowel obstruction – consult physician.

**Chronic/Carcinogenicity Effect:** Contains silica sand, known Human Carcinogen (category 1). May contain traces of chemicals on California Proposition 65 list.

### 3. Composition Information

	<u>CAS Reg. No</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Acrylic Polymer dispersed in water		Non Hazardous	
Limestone	1317-65-3	5	10 mg/m <sup>3</sup> respirable
Titanium Dioxide	13463-67-7	10	10 mg/m <sup>3</sup> respirable
2-Butoxy ethanol	000111-76-2	25 PPM	25 PPM skin
Ammonium Hydroxide	1335-21-6	50 PPM	25 PPM

### 4. First-aid Measures

Routes of Exposure: INHALATION - YES EYES/SKIN – YES

ACUTE Health Hazards: Irritation of eyes, skin and upper respiratory system. In a confined area, vapors in high concentration may cause headache, nausea or dizziness.

Signs and Symptoms of Overexposure: Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Emergency and First Aid Procedures:

IF INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

IF SWALLOWED: Get medical attention.

## 5. Fire Fighting Measures

Flash Point	>199 F PMCC
Explosion Limits:	N/A
Extinguishing Media:	Carbon Dioxide, Dry Chemical, Alcohol Foam
Unusual Fire and Explosion Hazards:	Closed containers may explode due to the build-up of pressure when exposed to extreme heat.
Special Fire Fighting Procedures:	Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure buildup.

## 6. Accidental Release Measures

Steps to be taken in case material is released or spilled: Do not allow material to flow into sewers and open bodies of water.  
Ventilate and remove with inert absorbent.

## 7. Handling and Storage

Store in covered, dry area.  
Avoid creating dust. Avoid breathing dust.  
Use only with adequate ventilation.

## 8. Exposure Controls / Personal Protection

### Personal Protection

Eye/Face Protection: Use safety glasses. If there is potential for exposure to particles which could cause eye discomfort, wear chemical goggles.

Skin Protection: Barrier cream, boots and clothing should protect skin from dust and wet mortar.

Hand Protection: impervious gloves, vinyl or rubber gloves recommended

Respiratory Protection: NIOSH/OSHA approved respirator for silica dust

Ingestion: Use good personal hygiene. Do not consume or store food in the work areas. Wash hands before smoking or eating.

Work/Hygienic Practices: Workers should shower with soap and water after working with mortar.

### Engineering Controls

Ventilation: Use with adequate ventilation

## 9. Physical and Chemical Properties

Boiling Point:	212 - 400 °F
Vapor Pressure (mm Hg):	Greater than 1
Vapor Density:	Heavier than air
Specific Gravity (water=1):	1.1- 1.4
Solubility in Water:	Dilutable
Evaporation rate:	(BUTYL ACETATE -1): Less than one
Appearance / Odor:	Thick white to colored, textured mixture, mild ammonia odor, pH 8-10

**10. Stability and Reactivity**

STABILITY- Stable

INCOMPATIBILITY- None Known

HARRDOUS DECOMPOSITION PRODUCTS- By fire: Carbon Dioxide, Carbon Monoxide

HARRDOUS POLYMERIZATION- Will Not Occur

**11. Toxicological Information**

NA

**12. Ecological Information**

NA

**13. Disposal Considerations**

Disposal Method: Waste from Latex Finishes is not hazardous.

Incinerate in approved facility. Do not incinerate closed container.

Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

**14. Transport Information**

No special transportation or label placarding is required.

**15. Regulatory Information**

Listed ingredients are on the U.S. EPA TSCA inventory of chemical substances. W.H.M.I.S. Coed D.2

The product contains a chemical(s) known to the State of California to cause cancer or reproductive harm.

**16. Other Information**

Legend: NA – Not Available or Applicable

ND – Not Determined

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