

Material Safety Data Sheet

Section 1 Chemical Identification

Manufacturer/Importer: Ragno USA
359 Clay Road
Sunnyvale, Texas 75182

Date: September 5, 2012

Product: Colored Body Porcelain Stoneware

Point of Contact: Steven T. Wiederwax
Safety and Environmental Manager
972-226-0110

Section 2 Hazardous Ingredients

Ingredient	Percentage	PEL	TLV	Comments	Carcinogen
Crystalline Silica*	20 - 25	30 mg/m ³ 0.1 mg/m ³	0.1 mg/m ³	Total Dust Respirable Dust	Yes

* Crystalline Silica is a known carcinogen to the State of California.

Note: Crystalline Silica is inherent in the clays and sand used to produce porcelain tile. Further the glazed porcelain tile surface may contain trace amounts (< 0.1%) of cadmium, zinc, chromium, or other metal compounds.

Section 3 Physical Data

Boiling Point (F): N/A
Vapor Pressure: N/A
Solubility in Water: Insoluble
Specific Gravity: N/A
Appearance and Odor: Surface and body color varies with no distinguishable odor.

Percent Volatile by Volume: N/A
Evaporation Rate: N/A
pH: N/A
Flashpoint: N/A

Section 4 Fire and Explosion Data
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Flashpoint:	N/A	Lower Explosion Limit:	N/A
Flammability Class:	Non combustible	Upper Explosion Limit:	N/A
Extinguishing Media:	Water		

Fire Fighting Procedures: No special procedures are required. As in all fires, fire fighters should wear SCBA and full protective clothing.

Unusual Fire and Explosion Hazards: This product will not burn. Use appropriate techniques to fight surrounding fire.

Section 5 Health Hazard Information
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Routes of Exposure: Inhalation and Absorption

Acute Effects: Some skin irritation may occur from contact with the clay powder resulting from tile cutting operations.

Chronic Effects: Crystalline silica is a known carcinogen and produces a condition known as silicosis in humans.

First Aid Procedures:

- Eyes: Rinse eyes with clean water for at least 15 minutes. If irritation persists seek medical attention.
- Skin: Wash hands thoroughly with soap and water after handling.
- Inhalation: If a cough develops the individual should seek medical attention.

Personal Protective Equipment Requirements

- Skin: Water proof or water resistant gloves should be worn when installing tile.
- Eye: Protective glasses should be worn when cutting tile.
- Respiratory: A dust mask should be worn when dry cutting tile. If work activities will cause a dust cloud than a N95 or N100 rated respirator should be worn.

Section 6 Reactivity Data
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Stability: This is a stable material	Decomposition Temperature: Not
Hazardous Polymerization: Will not occur	Established
Incompatibilities: None known	Decomposition Products: None known
Instability Conditions: None known	

Section 7 Spill or Leak Procedures

Spill or Leak Procedures: Not applicable

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Waste Disposal Methods: Scrap ceramic and porcelain tile should be disposed of in accordance with applicable state and local regulations. Scrap ceramic and porcelain tile is not a hazardous waste under U.S. E.P.A. regulations.