

**MATERIAL SAFETY DATA SHEET**Date Prepared September 15, 2017

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**1. Chemical Product and Company Information**

Product name: Wall Tile

**Company Information**Florida Tile  
1247 Alton Rd.  
Lawrenceburg, KY 40342  
502-839-2114**Emergency Contact Information**  
502-839-2114**Regulatory Information**  
502-839-2114

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**2. Hazards Identification**

There are no known physical hazards associated with the use of Glazed Wall Tile.

**3. Composition/Ingredient Information****Hazardous Constituents**

N/A

**Non Hazardous Constituents**

Composition	CAS Number	Approximate Percent by Weight
SiO <sub>2</sub>	14808-60-7	60 – 65 %
Al <sub>2</sub> O <sub>3</sub>	1344-28-1	15 – 20%
Fe <sub>2</sub> O <sub>3</sub>	1309-37-1	0.5 – 1 %
CaO	1305-78-8	1 – 3 %
Na <sub>2</sub> O <sub>3</sub>	1313-59-3	3 – 7 %
K <sub>2</sub> O	12136-45-7	1 – 3 %
MgO	1309-48-4	0.5 – 2 %
ZnO	1314-13-2	0.5 – 2 %
ZrO <sub>2</sub>	1314-23-4	0.5 – 2 %
TiO <sub>2</sub>	1317-80-2	0.5 – 1 %

## 4. Health Hazards

### Potential Health Effects

**This material as packaged should pose no health hazards. During installation and while cutting the tiles to size the following possible health effects could occur.**

- Eyes** Dust and small shards of tile could cause eye irritation and possible eye injury if Personal Protective Equipment, PPE, is not worn properly. Refer to the PPE section for PPE requirements.
- Skin** Dust and sharp edges generated during installation could cause irritation and lacerations if proper PPE is not worn. Refer to the PPE section for PPE requirements.
- Ingestion** Ingestion of small amounts of dust should not cause harmful effects. Larger pieces could damage the intestinal tract and therefore any area where tiles are being prepared for installation should be thoroughly cleaned to prevent the ingestion of shards or larger pieces and to minimize the ingestion of dust prior to food being brought into the area. Any food in the area during installation should be discarded to prevent possible ingestion of glazed wall tile shards or pieces.
- Inhalation** Inhalation of dust generated during installation could cause upper respiratory tract irritation and in rare cases allergic/asthmatic reactions. To prevent inhalation engineering controls should be installed whenever practicable and ventilation maximized. If engineering controls are not available or practicable proper PPE should be worn at all times when glazed wall tile dust is present.

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## 5. Fire Fighting Measures

Glazed Wall Tile is not flammable under normal circumstance so any fire fighting measures should be tailored to the materials around the tile. This includes the cardboard packaging materials and any other shipping containers the tile is received in.

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## 6. Accidental Release Measures

Glazed Wall Tile does not in itself present any dangers during an accidental release save the possibility that the tile could bury workers. There are no known environmental risks should the tile enter the environment. Spilled and broken tile should be disposed of as per local regulations for standard trash in a lined landfill.

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## **7. Handling and Storage**

Care should be taken during the handling and storage of Glazed Wall Tile due to the high density of the materials. Each package weighs in excess of 45 lbs., (20 KG). No more than one package should be transferred at a time to prevent personal injury. When being handled at low temperatures, 50F, (10 C), the tile can become brittle and crack and chip more easily than under normal conditions. Extra care should be taken in the handling of the tile in these conditions. When storing on shelves or racks the density of the tile should be taken into account prior to storing to prevent the overloading of the shelf unit.

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## **8. Exposure Controls/Personal Protection**

During storage and transport Glazed Wall Tile should pose no unusual risk to personal safety. During installation when the tile is cut and formed there are risks to personal safety. To minimize these risks the following minimum engineering controls and PPE are recommended.

### **Engineering Controls**

Engineering controls in the form of ventilation and dust control should be implemented when installing Tile. This includes using a wet saw when cutting tile to size, opening windows, and positioning ventilation fans to disperse the dust generated during installation. The main hazard of Glazed Wall Tile to personnel is through inhalation and lacerations from sharp newly cut edges. The use of properly maintained and serviced cutting equipment and PPE should minimize these risks.

### **Personal Protection Equipment, PPE**

Personal Protection Equipment or PPE should be worn at all times when installing Glazed Wall Tile. The main risks associated with the installation of Tile are due to the dust and sharp edges generated while cutting and shaping the tile to size. To minimize these hazards the following PPE should be worn when performing the listed tasks.

**Cutting, Shaping**

Safety Goggles, Dust Masks, Leather Gloves, and safety shoes with steel toes and metatarsal protection.

**Installing/Positioning**

Safety Goggles, Dust Masks, Leather Gloves, and safety shoes with steel toes and metatarsal protection.

**Carrying/Stacking**

Leather Gloves and Safety Shoes with steel toes and metatarsal protection.

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**9. Physical and Chemical Properties**

Glazed Porcelain Tile is inert under normal conditions.

Boiling Point N/A

Vapor Pressure N/A

State Solid

Color Various

Odor N/A

pH N/A

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**10. Stability and Reactivity**

This material is stable and not readily reactive with most solvents, acids, or caustics.

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**11. Toxicological Information**

No Data

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## **12. Ecological Information**

No Data

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## **13. Disposal Consideration**

Dispose of in accordance with all federal, state, and local regulations.

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## **14. Transport Information**

This material is not regulated by US DOT or Canadian TDG regulations.

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## **15 Regulatory Information**

This material is not regulated under any of the following federal regulations;

TSCA  
CERCLA  
SARA 302, 313