

Safety Data Sheet

This document has been prepared in accordance with the Hazard Communication Standard (HCS) (29 CFR 1910.1200(g)), revision 2012.

Section 1. Identification

Product identification. Thin Brick and Quarry Tile

Manufacturer's name Ironrock Capital, Inc.
Address 1201 Millerton Street SE
Canton, Ohio 44707

Emergency Telephone Number 330 484-4887

Date Prepared 12/12/2014

Thin Brick and Quarry Tile are products used as coverings for floors and walls.

Section 2. Hazard Identification

Thin Brick and Quarry Tile are composed of mixtures of naturally occurring clays and shales fired to at least 1100 degrees C.

Under normal conditions, these products do not release hazardous material before, during or after installation.

Caution should be used when sawing this product as dust may be released. This dust may contain respirable Crystalline Silica (Quartz). It is recommended that a wet saw be used.

Section 3. Composition Information

Clay and Shale fired to at least 1100 degrees C.

Hazardous Components	Cas No.	Estimated % by Wt.	OSHA PEL mg/m3 (8 hr TWA)	ACGIH TLV mg/m3 (8 hr TWA)	NIOSH REL mg/m3
Respirable Crystalline Silica (Quartz)	14808-60-7	20-30	<u>10mg/m3</u> * (%SiO ₂ + 2)	0.05	0.05

* - The OSHA PEL for respirable dust containing 1% or greater crystalline silica varies depending on the percentage of crystalline found in the air sample according to this formula. Do not dry cut this product. Use a wet saw.

Section 4. First Aid Measures

Route of exposure - Inhalation Heavy contamination with dust may cause respiratory irritation to the nose and throat.

Remove the affected person from the area to fresh air.

To avoid inhalation risks, do not dry cut this product. Use a wet saw.

Section 5. Fire-Fighting Measures

These products are not flammable. No fire or explosion hazards exist.

Section 6. Accidental Release Measures

These products do not release hazardous material.

Section 7. Handling and Storage

Shelf life is unlimited.

When cutting or grinding, use a wet method.

If a wet method is not available, use local dust collection or ventilation.

Use a respirator when cutting or grinding.

Section 8. Exposure Controls/Personal Protection

Ventilation - Use adequate ventilation to keep dust exposure below recommended levels when cutting. Avoid inhalation of dust. Wet cutting methods are recommended.

Use a properly fitted NIOSH/MSHA approved particulate respirator when cutting.

Eye Protection - Use dustproof goggles or safety glasses with side shields when cutting.

Note - Personal protection information in section 8 is based on general information for normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

Section 9. Physical and Chemical Properties

Thin Brick and Quarry Tile is a solid, non-flammable, odorless product. It comes in various colors. It is not soluble in water, however it should not be used near or contacted with Hydrofluoric acid as it may leach heavy metal residues. It will not ignite, explode or decompose.

Specific gravity	2-3	Vapor pressure	N/A
Melting point	N/A	pH	N/A
Boiling point	N/A	Flash point	N/A

Section 10. Stability and Reactivity

Stability	Stable
Conditions to avoid	Avoid contact with Hydrofluoric acid

Section 11. Toxicological Information

Routes of entry.

Inhalation - Heavy contamination with dust may cause respiratory irritation to nose and throat. Repeated exposure by inhalation may cause a serious chronic effect which could lead to silicosis, a serious lung disease. The onset of silicosis is usually slow and lung damage may occur without symptoms or signs of ill health. Silicosis can develop to a more serious degree even after exposure has ceased and may lead to other diseases including heart disease. Development of silicosis may increase the risk of lung cancer. To minimize the risk, caution should be taken when sawing or demolition of Thin Brick and Quarry Tile. Wet Cutting, proper ventilation and the use of a properly fitted NIOSH/MSHA approved particulate respirator is recommended.

Skin - Dust or occasional contamination on the skin will cause no adverse effects.

Eye - Entry of dust or chips into the eyes as a foreign body will cause local irritation.

Ingestion - Unlikely, but non toxic if swallowed.

National Toxicology Program Report on Carcinogens

NPT	Yes	IARC Monographs	Yes
OSHA regulated	Yes		

The dust generated from cutting Thin Brick and Quarry Tile may release Crystalline Silica, a known carcinogen and may lead to a condition known as silicosis in humans.

Section 12. Ecological Information

Thin Brick and Quarry Tile produce no environmental hazards.

Section 13. Disposal Considerations

Waste Thin Brick and Quarry Tile should be disposed of in accordance with applicable State and Local regulations. It is not a hazardous waste under U.S.E.P.A. regulations.

Section 14. Transportation Information

There are no hazards in storage or shipping of Thin Brick and Quarry Tile. There are no known regulations or constraints for storing or transporting these products.