

SECTION 1 | IDENTIFICATION

PRODUCT IDENTIFIER Ceramic Tile - 8" x 48" Field - Calming and Serene Series

COMPANY NAME Jeffrey Court, Inc
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Norco, CA
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RECOMMENDED USE Recommended use is not specified.

SECTION 2 | HAZARDS IDENTIFICATION

GHS CLASSIFICATION Carcinogenicity - Category 1A H350
STOT SE - Category 3 H335
STOT RE - Category 1A H372

GHS HAZARD STATEMENTS / PICTOGRAMS



H335 Cat 3



H372 Cat 1A

H335 - May cause respiratory irritation.
H350 - May cause cancer.
H372 - Causes damage to organs through prolonged or repeated exposure (inhalation).

PRECAUTIONARY STATEMENTS

P202 - Do not handle until all safety instructions have been understood.
P260, P261 - Do not breathe dust, vapors, mist or spray.
P264 - Wash skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves, protective clothing, eye protection and face protection.

SECTION 3 | COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION	PRODUCT IDENTIFIER / CAS #	ESTIMATED %	GHS CLASS
Quartz	CAS #: 14808-60-7	0-55	STOT RE1, H372
Clays	CAS #: 1332-58-7	25-55	NOT CLASSIFIED
Feldspar	CAS #: 68476-25-5	0-55	NOT CLASSIFIED
Silica	CAS #: 7631-86-9	0-10	NOT CLASSIFIED
Talc	CAS #: 14807-96-6	0-45	NOT CLASSIFIED
Nepheline Syenite	CAS #: 37244-96-5	0-40	NOT CLASSIFIED

SECTION 4 | FIRST AID MEASURES

INHALATION	<i>SYMPTOMS</i>	Irritation may occur to the respiratory tract and other mucous membranes.
	<i>FIRST AID</i>	Move to a well-ventilated fresh-air environment. Seek medical attention if difficult breathing persists.
SKIN	<i>SYMPTOMS</i>	Prolonged exposure to skin may cause skin irritation.
	<i>FIRST AID</i>	Remove any clothing that may be contaminated. Thoroughly wash the affected area. Seek medical attention if irritation persists.
EYE CONTACT	<i>SYMPTOMS</i>	May cause irritation to the eyes.
	<i>FIRST AID</i>	Carefully rinse eyes with water for at least 15 minutes. Seek medical attention if irritation persists.
INGESTION	<i>SYMPTOMS</i>	Although not normal with intact tile, if ingested, rinse mouth.
	<i>FIRST AID</i>	Seek medical attention. Do not induce vomiting.

It is recommended to have an eyewash system available at the work site.

SECTION 5 | FIRE FIGHTING MEASURES

EXTINGUISHING EQUIPMENT	Non-flammable
	Not required
SPECIAL HAZARDS	Ceramic tile is not flammable.
	No fire or explosion hazards.
	Product is non-reactive.
SPECIAL RECOMMENDATIONS	No special procedures required.
	No special protective equipment required.
	Non-combustible.

SECTION 6 | ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Excessive dust build up should be avoided and the area should be kept clean. Protective equipment should be worn when working with the ceramic tile. PPE recommended skin protection, gloves and eye protection. When dry cutting use respiratory equipment.
CLEAN UP	Use vacuum with HEPA filtration. Wet mop or damp sweep .

SECTION 7 | HANDLING & STORAGE

SAFE HANDLING

Ceramic tile is heavy. Use caution when lifting, utilizing mechanical means or team lifting. Wash hands upon leaving the work area and before eating, drinking or smoking. Eating, drinking or smoking directly in the work area is not recommended. Wet cutting is strongly recommended to reduce dust.

SAFE STORAGE

Follow any applicable regulation for storage. Caution should be used when storing. Do not over-stack. Maintain stable conditions. Keep away from acids.

SECTION 8 | EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 EXPOSURE TABLE

COMPOSITION	OSHA PEL	NIOSH	ACGIH
Quartz	10 respirable / 30 total dust (mg/mg3)	.05 mg/m3	0.025 mg/m3
Clays	5 respirable / 15 total dust (mg/mg3)	Not Established	2 resp / 10 total dust (mg/mg3)
Feldspar	Not Established	Not Established	Not Established
Silica	50 Hg / m3	.05 mg/m3	0.025 mg/m3
Talc	2 respirable / 15 total dust (mg/mg3)	2 resp / 10 total dust (mg/mg3)	2 resp / 10 total dust (mg/mg3)
Nepheline Syenite	5 respirable / 15 total dust (mg/mg3)	Not Established	Not Established

8.2 ENGINEERING CONTROLS

Eye wash stations should be available in the work area. Use ventilation systems to keep the dust levels below recommended exposure levels. Wet cutting is recommended to control dry dust exposure and inhalation. Highest exposure probability is with dry cutting, cleaning and installed tile removal. It is recommended to follow 29 CFR 192.1153 Table 1 control and cutting methods.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection under insufficient ventilated conditions. Eye protection. Protective clothing. Gloves should be worn to protect skin from dust and cuts. Wash hands before eating, drinking or smoking as well as at the close of the workday.

SECTION 9 | PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid, flat, color will may vary	Freezing Point	Not applicable
Odor	Odorless	Initial Boiling Point/Range	Not applicable
Odor Threshold	Not applicable	Flash Point	Not applicable
pH	Not applicable	Evaporation Rate	Not applicable
Melting Point	> 2,200 °F (1,204 °C)	Flammability (solid, gas)	Not applicable

SECTION 9 | PHYSICAL AND CHEMICAL PROPERTIES

Explosive Limits Not applicable
Vapor Pressure Not applicable
Vapor Density Not applicable
Relative Density Not applicable
Partition coefficient: N-Octanol/Water: Not applicable

Solubility Not applicable
Auto-Ignition Temperature Not applicable
Decomposition Temperature Not applicable
Viscosity Not applicable

SECTION 10 | STABILITY AND REACTIVITY

CHEMICAL STABILITY

Stable in current form.

REACTIVITY

No hazardous reactions will occur within normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous polymerization will not occur.

CONDITIONS TO AVOID

Avoid extreme high and low temperatures.

INCOMPATIBLE MATERIALS

Avoid contact with acids.

HAZARDOUS DECOMPOSITION PRODUCT

None.

SECTION 11 | TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE

None for tile which is untouched or intact.
 Inhalation / Exposure to eyes or body parts from broken tile or tile which is being cut .
 and handled for installation / removal.
 Short term exposure due to inhalation may cause respiratory irritation.
 Long term exposure due to inhalation may cause damage to organs.

Acute Toxicity		
Quartz & Clay	LD50 Oral Rat	>5000 mg/kg
	LD50 Dermal Rat	>5000 mg/kg
Silica	LD50 Oral Rat	>5000 mg/kg
	LD50 Dermal Rat	>2000 mg/kg

SYMPTOMS

INHALATION Irritation to the respiratory tract and other mucous membranes.
SKIN CONTACT Prolonged exposure may cause skin irritation.
Eye CONTACT Exposure may cause eye irritation.
CARCINOGENICITY Crystalline silica - May cause cancer.

CHRONIC SYMPTOMS

May cause cancer. Long term continued exposure of respirable crystalline silica above the established limits may lead to the development of silicosis, developed through acute exposure to extremely dusty environments from the generation of tile dust. Silicosis is a disease that belongs to a group of lung disorders called pneumoconioses. Silicosis is marked by the formation of lumps (nodules) and fibrous scar tissue in the lungs.

SECTION 12 | ECOLOGICAL INFORMATION

NON-MANDATORY

SECTION 13 | DISPOSAL CONSIDERATION

NON-MANDATORY

SECTION 14 | TRANSPORTATION INFORMATION

NON-MANDATORY

SECTION 15 | REGULATORY INFORMATION

NON-MANDATORY

SECTION 15 | REGULATORY INFORMATION

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OTHER INFORMATION This document prepared from OSHA HCS 29 CFR 1910.1200(g)

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