

SECTION 1 | IDENTIFICATION

PRODUCT IDENTIFIER Ceramic Tile Series 8" x 8" Field Tile - Natural Series

COMPANY NAME Jeffrey Court, Inc
620 Parkridge Avenue
Norco, CA
(951) 340-3383

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

REVISION DATE 6/20/19

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

This document is created and based on current knowledge. It is to be used for the purposes of health, safety and environmental requirements only and as such is not guaranteeing any specific product property.

SECTION 1 | CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT IDENTIFIER Porcelain Tile - Hexagon Ascend Series
COMPANY NAME Jeffrey Court, Inc - 620 Parkridge Avenue Norco, CA (951) 340-3383

SECTION 2 | COMPOSITION, INFORMATION OR INGREDIENTS

None per OSHA Standard 29 CFR 1910.1200 & SARA Title III, Section 313 (See Section 3 for additional information)

SECTION 3 | HAZARDS IDENTIFICATION

FT Hexagon Ascend is produced for residential and commercial use and come in a wide variety of designs and colors. Is classified as an "article" according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200(c). They are formed to a specific shape and design during manufacture, have end use application dependent on their shape and design, and do not release any hazardous chemicals under normal conditions of use and when used according to manufacturer's specifications.

SECTION 4 | FIRST AID MEASURES

PRIMARY ROUTES OF ENTRY:	N/A	SKIN CONTACT:	N/A
TARGET ORGANS:	N/A	INHALATION:	N/A
EFFECTS OF OVEREXPOSURE:	N/A	INGESTION:	N/A
EYE CONTACT:	Possible irritation – Flush with water		

SECTION 5 | FIRE FIGHTING MEASURES

FLASH POINT:	N/A	AUTO IGNITION TEMP.:	N/A
LOWER EXPLOSIVE LIMIT (LEL):	N/A	UPPER EXPLOSIVE LIMIT (UEL):	N/A
BOILING POINT:	N/A	MELTING POINT:	N/A
UNUSUAL FIRE/EXPLOSION HAZARDS:	None	EXTINGUISHING MEDIA:	N/A
SPECIAL FIRE FIGHTING PROCEDURE:	Self contained breathing apparatus.		Water

Material is considered to be self extinguishing.

SECTION 6 | ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	None	IF RELEASED OR SPILLED:	N/A
METHODS FOR CLEAN-UP:	Vacuuming recommended	WASTE DISPOSAL METHOD:	Section 13

SECTION 7 | HANDLING AND STORAGE

No special handling and storage procedures required. Best if stored at room temperature. Review the FT Hexagon Ascend Installation Guide for additional information.

SECTION 8 | EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection: Not required if manufacturer's installation and maintenance instructions are followed. Warning: Follow installation and maintenance instructions to avoid excessive dust. It is recommended to use caution if removing or disturbing existing flooring materials prior to the installation of this product since, unlike this product, they may contain asbestos fibers.

SAFETY DATA SHEET

SECTION 9 | PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Solid flooring tile	PHYSICAL STATE:	Solid flooring tile
SPECIFIC GRAVITY:	N/A	VAPOR PRESSURE:	N/A
SOLUBILITY IN WATER:	N/A	VAPOR DENSITY:	N/A

SECTION 10 | STABILITY AND REACTIVITY

STABILITY:	N/A	INCOMPATIBILITY:	N/A
HAZARDOUS DECOMPOSITION:	N/A	HAZARDOUS REACTIONS:	N/A
HAZARDOUS POLYMERIZATION:	N/A	CONDITIONS TO AVOID:	N/A

SECTION 11 | TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:	N/A	CHRONIC EFFECTS:	N/A
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Industrial hygiene testing has determined that Bestile FT Hexagon Ascend presents no exposure health risk when product is installed and maintained as specified by the manufacturer.

SECTION 12 | ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE:	Not Determined	ENVIRONMENTAL TOXICITY:	Not Determined
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SECTION 13 | DISPOSAL CONSIDERATIONS

Dispose of as a non-hazardous solid in accordance with all federal, state and local requirements.

SECTION 14 | TRANSPORT INFORMATION

DOT HAZARD CLASS:	Not Regulated	DOT UN NO:	N/A
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SECTION 15 | REGULATORY INFORMATION

All ingredients of these products are included in the U.S. EPA's TSCA inventory or are exempt from TSCA inventory requirements.

CERCLA SECTIONS 102A/103 HAZARDOUS SUBSTANCES (40CFR302.4):	N/A
SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40CFR355.30):	Not Regulated
SARA TITLE III SECTION 313 (40CFR372.65):	Not Regulated
OSHA PROCESS SAFETY (29CFR1910.1119):	Not Regulated
SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIES (40CFR370.21):	ACUTE: No
Government regulations govern the removal of asbestos-containing materials. If you contemplate the removal of existing floor covering (prior to the installation of these non-asbestos containing products) that contain or are assumed to contain asbestos you should determine whether such regulations apply.	CHRONIC: No
	FIRE: No
	REACTIVE: No

SECTION 16 | OTHER INFORMATION

HMIS SEVERITY RATING INDEX: (0 = minimal hazard; 4 = severe hazard)



DISCLAIMER: To the best of our knowledge the information contained herein is accurate. However, neither the company nor its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Because conditions of use are beyond to Bestile S.L. the company makes no representations, guarantees or warranties, either expressed or implied warranties as to the fitness of the product for use, and assumes no liability related to the information contained above. Bestile S.L. requires, as a condition of use of its products, that purchasers comply with all applicable Federal, State, and Local health and safety laws, regulations, orders, requirements, and strictly adhere to all instructions and warnings which accompany the products.

SECTION 1 | CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT IDENTIFIER Porcelain Tile - Chevron Blend and Basket Weave Mosaic Series
COMPANY NAME Jeffrey Court, Inc - 620 Parkridge Avenue Norco, CA (951) 340-3383

SECTION 2 | HAZARDS IDENTIFICATION

2.1 Hazard classification as required by dir. CE 1272/2008: not classified

2.2 Labelling as required by dir. CE 1272/2008: not subject to hazard labelling

2.3 Other hazards:

The finished product is odorless, non-flammable, do not release hazardous materials after installation, and pose no immediate hazard to health and environment.

Hazard components as required by dir. 67/548/CE and reg. 1272/2008/CE or with occupational exposure limits are associated only to airborne particulates present into the dust produced by dry-cutting product during installation or by any other operations, including demolition/removal projects.

Emergency Overview:

dust/ breathable crystalline silica – Danger! Lung injury and Cancer Hazard

GHS Classification (Global Harmonized Standard Classification):

- Carcinogenicity - Category 1A (H350)
- Specific target organ toxicity, single exposure; Respiratory tract irritation -Category 3 (H335)
- Specific target organ toxicity, repeated exposure - Category 1A (H372)

GHS Pictogram: Category 3 (Respiratory tract irritation) (H335)

Crystalline Silica: Category 1A (Carcinogenicity) (H372)



Label Signal Word: Danger

Hazard Statements:

(H350) May cause CANCER (inhalation)

(H335) May cause respiratory irritation

(H372) Causes damage to organs (lung/respiratory) through prolonged or repeated exposure (inhalation)

SECTION 3 | COMPOSITION/INFORMATION ON INGREDIENTS

Tile slabs are mixtures of predominately Clays, Sands, Feldspar and other naturally-occurring mineral, that have been mixed with water and fired in a very high temperature kiln (> 1200°C - >2190°F)

Tile slabs are manufactured in various shapes, sizes, and colors. These products do not contain asbestos.

Under normal condition these products do not release hazardous materials after installation and are not considered hazardous waste should disposal be necessary.

SECTION 4 | FIRST AID MEASURES

Description of first aid measures

Following skin contact: Wash with plenty of soap and water.

Following eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice if irritation persists.

Following inhalation: Take the patient outdoors and keep them warm and still.

Most important symptoms and effects, both acute and delayed

During the floor installation process, cutting stage may produce breathable crystalline silica. Prolonged and/or large-scale inhalation of breathable crystalline silica dust may cause pulmonary fibrosis, commonly known as silicosis. The main symptoms of silicosis are coughing and shortness of breath. Occupational exposure to breathable crystalline silica dust must be monitored and controlled.

Indication of any immediate medical attention and special treatment needed

Treatment: None

SECTION 5 | FIREFIGHTING MEASURES

Flash point (Method Used): Not Applicable

Flammable limits: Not Applicable

Autoignition Temperature: Not Applicable

Fire Extinguishing Media: Not Required - Non Flammable

Special Fire Fighting Procedures: None required

Fire and Exposition hazards: None required

SECTION 6 | ACCIDENTAL RELEASE MEASURES

Avoid creating excessive dust. Clean up dust with a vacuum system with a High-efficiency particulate (HEPA) air filter vacuum or damp sweeping. See Section 8 of this SDS concerning PPE information for clean-up.

SECTION 7 | HANDLING AND STORAGE

When cutting, grinding or removing, use equipment with integral dust collection and/or use local exhaust ventilation. Use wet cutting methods to reduce generation of dust. Use respiratory protection in the absence of effective engineering controls. Do not store near acids. If tile slabs contact some acids, damage/discoloration to the surface may occur. Shelf life is unlimited.

SECTION 8 | EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters (ACGH)

Total dust (TLV/TWA)

TLV TWA - 10 mg/m³

TLV STEL - n.d.

Breathable Dust fraction (TLV-TWA)

TLV TWA - 3 mg/m³ TLV STEL - n.d.

Crystalline Sylica as QUARTZ – Brethable fraction:

TLV TWA - 0.025 mg/m³

TLV STEL - n.d.

Exposure controls

Ventilation: Use adequate ventilation to keep exposure to dust below recommended exposure levels. Avoid inhalation of dust. The highest probability of silica exposure occurs during installation using dry cutting methods or during removal of installed tile slab. Wet cutting methods are recommended.

Eye protection: Not required for normal use. In the absence of effective engineering controls, se dust-proof goggles or safety glasses with side shields. Contact lenses may absorb irritants. Do not wear contact lenses in work areas.

Hand/Skin protection: When cutting this product, cotton or leather work gloves should be worn to minimize skin exposure to dust and/or cuts. Wash hands prior to eating, drinking, or smoking, and at the end of the work shift, after cutting operations are conducted.

Respiratory protection: In the event of exposure levels higher than those stated in point 8.1, wearing a respiratory protection device compliant with national legal requirements is mandatory. Use of proper PPE it is still always recommended during tile slabs cutting, grinding and removing stages.

SECTION 9 | PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	Brittle solid, color may vary
Odour:	odourless
Melting point/freezing point:	N.A. (> 2200°F)
Initial boiling point and boiling range:	N/A
Flammability (solid/gas):	Not Flammable
Upper/lower flammability or explosive limit:	N.A.
Vapour density:	N.A.
Flash point:	N.A.
Evaporation rate:	N.A.
Vapour pressure:	N.A.
Solubility in water:	Insoluble
Specific Gravity (H ₂ O = 1)	>2
Solubility in oil:	N.A.
Partition coefficient: n-octanol/water:	N.A.
Auto-ignition temperature:	Not Self-Inflammatory
Decomposition temperature:	N.A.
Viscosity:	N.A.
Explosive properties:	N.A.
Oxidising properties:	N.A.
Volatility:	0 g/L Volatile Organic Comp. (VOCs)

SECTION 10 | STABILITY AND REACTIVITY

Reactivity :	Inert
Chemical stability:	Stable in normal conditions
Conditions to avoid:	Contact with acid
Stability:	Stable in normal conditions
Incompatible materials:	Acid (e.g. hydrofluoridric)
Hazardous decomp. products:	None
Hazardous Polymerization:	None

SECTION 11 | TOXICOLOGICAL INFORMATION

No toxicological effects are associated with intact tile slabs. The following data refer to the BREATHABLE CRYSTALLINE SILICA which is generated during cutting and demolition activities:

Acute toxicity	Data are missing or insufficient
Skin corrosion / irritation	Missing or insufficient
Eye Injury / irritation:	Missing or insufficient
Sensitization of skin or respiratory tract: mutagenicity:	Missing or insufficient
Carcinogenicity:	Missing or insufficient
Toxicity for reproduction:	CATEGORY 1A
Specific target organ toxicity (STOT) — Single exposure:	Missing or insufficient
Specific target organ toxicity (STOT) — Repeated exposure:	CATEGORY 3 Respiratory tract irritation
Inhalation hazard:	CATEGORY 1A Respiratory Effects

Effects on health:

The repeated and prolonged inhalation of fine dust of crystalline silica at or above allowable occupational exposure limits may lead to the development of silicosis (a nodular pulmonary fibrosis), and are associated with pulmonary tuberculosis, bronchitis, emphysema, and other airway diseases.

This type of exposure may also be related to the development of autoimmune disorders, chronic renal disease, and other adverse health effects.

Recent epidemiologic studies demonstrate that workers exposed to elevated silica concentrations have a significant risk of developing chronic silicosis. Signs such as labored breathing and early fatigue may indicate silicosis; however, these symptoms can arise from many other causes.

Silicosis may be complicated by severe mycobacterial or fungal infections and result in tuberculosis (TB). Epidemiologic studies have established that silicosis is a risk factor for developing TB. Any existing respiratory or pulmonary diseases may be complicated by exposure to breathable crystalline silica. Smoking may increase the risk of adverse effects if done in conjunction with occupational exposure to.

Breathable crystalline silica is classified by the International Agency for Research on Cancer (IARC) as a Group I Carcinogen (carcinogenic to humans). The National Toxicology Program (9th Report) lists breathable crystalline silica as Known to be a Human Carcinogen. USDOL/OSHA and NIOSH have recommended that crystalline silica be considered a potential occupational carcinogen.

Short term experimental studies of rats have found that intratracheal instillation of quartz particles leads to the formation of discrete silicotic nodules in rats, mice and hamsters.

SECTION 12 | ECOLOGICAL INFORMATION

Toxicity: Adopt good working practices and do not discharge the product into the environment.

Persistence and degradability :	N.A.
Bioaccumulative potential :	N.A.
Mobility in soil :	N.A.
Other adverse effects :	None

SECTION 13 | DISPOSAL CONSIDERATIONS

Tile slabs are building materials. Waste treatment methods: Recover if possible or dispose in a certified landfill authorized to accept such material in accordance with the relevant local and national legislation.

SECTION 14 | TRANSPORT INFORMATION

D.O.T Shipping Name:	Not applicable
Hazard Class:	Non-regulated
(for disposal purposes material is non-hazardous Class III regulated material)	
ID Number:	Not applicable
Marking:	Not applicable
Label:	None
Placard:	None
Hazardous Substance/RQ:	Not applicable
Packaging References:	None

SECTION 15 | REGULATORY INFORMATION

15.1. Specific rules on health, safety and environment related to the product:

Regulation (EU) n. 1907/2006 (REACH):

- SVHC art. 50 (Candidate List): Not applicable
- Authorization (Annex XIV): Not applicable
- Restrictions (Annex XVII): Not applicable

Regulation (EU) n. 1272/2008 (CLP): Not applicable

SECTION 15 | REGULATORY INFORMATION

Dir 2012/18/EU – control of major-accident hazards (SEVESO): Not applicable

This product and/or its components have been previously introduced into U.S. commerce and is listed in the Toxic Substances Control Act (TSCA) Inventory of Chemicals in Commerce. Hence, it is subject to all applicable provisions and restrictions under TSCA 40 CFR Section 721 and 723.250.

This product contains <1 percent by weight each of the following elements, which are SARA 313 Recordable: Antimony, Arsenic, Barium, Beryllium, Cadmium, Cobalt, Chromium, Copper, Manganese, Mercury, Nickel, Lead, Silver, Thallium, Tin, Titanium, Vanadium, and Zinc.

Title 22 Division 2, California Code of Regulation Chapter 3 (Proposition 65): This product contains a chemical or chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.

This product or its components meets the following hazard definition(s) as defined by the Occupational Safety and Health Hazard Communication Standard (29 CFR Section 1910.1200):

Combustible Liquid
Compressed Gas
Flammable Gas
Flammable Liquid
Flammable Solid

Flammable Aerosol
Explosive
X Health Hazard (Sections 3 & 11)
Organic Peroxide

Oxidizer
Pyrophoric
Unstable
Water Reactive

Based on information presently available, this product does not meet any of the hazard definitions of 29 CFR Section 1910.1200.

Note: The information in this data sheet provides information related to the potential hazards associated with dusts which may be produced during cutting or otherwise changing the shape of the tile slab during installation and/or removal.

SECTION 16 | OTHER INFORMATION

This document has been prepared in accordance with the Occupational Safety and Health Administration (OSHA) Hazard Communication standard, 29 Code of Federal Regulations (CFR) 1910.1200(g), Safety Data Sheets.

According with REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals – EU Regulation 18/12/2006), tile slabs are classified as “ARTICLE: object with physical properties more important to its function than any chemical properties” so that, a SDS is not required/mandatory. Nevertheless, this SDS also complies with CLP Regulation EC1272/2008 (CLP).

This SDS has been prepared with the best knowledge and based on the information sources currently available.

Users’ attention is also drawn to the possible risks connected to a use of the product other than that for which it was designed.

This data sheet replaces and cancels any previous version.

Abbreviations and Acronyms:

N.A. not applicable - not available

LD50: Lethal dose for 50 percent of the test population.

LC50: Lethal concentration for 50 percent of the test population.

TLV: Threshold limit value.

TWA: Time weighted average

STEL: Short-term exposure limit.

STOT: Organ-specific toxicity

Complete text about hazard statement in section 2:

(H350) May cause CANCER (inhalation)

(H335) May cause respiratory irritation

(H372) Causes damage to organs (lung/respiratory) through prolonged or repeated exposure (inhalation)

SECTION 1 | IDENTIFICATION

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

COMPANY NAME Jeffrey Court, Inc
620 Parkridge Avenue
Norco, CA
(951) 340-3383

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

REVISION DATE 6/20/19

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

This document is created and based on current knowledge. It is to be used for the purposes of health, safety and environmental requirements only and as such is not guaranteeing any specific product property.

1 | PRODUCT IDENTIFICATION

PRODUCT IDENTIFIER Ceramic Tile Solid Series - 12" x 35" Field Tile - Evolve Series

COMPANY NAME Jeffrey Court, Inc
620 Parkridge Avenue
Norco, CA
(951) 340-3383

RECOMMENDED USE Building material - Tile products manufactured by Jeffrey Court are environmentally preferable building materials when compared to other floor / wall coverings. As defined by guidelines issued by the Environmental Protection Agency, the American Society for Testing & Materials and the Federal Trade Commission, tile is one of the most environmentally friendly building materials you can buy today.

2 | HAZARDS IDENTIFICATION

Tile products are mixtures of predominantly clays, silica sand and other natural occurring minerals that have been misted with water and fired in a high temperature kiln. The finished, fired tiles are odorless, stable, non-flammable, and pose no immediate hazard to health. Respiratory, hand and eye protection may be needed to prevent excess exposure to airborne particulates if dust is produced by cutting tiles during installation or if just is produced by any other operations, including demolition / removal projects.

Emergency Overview: Danger! Lung injury and Cancer Hazard

GHS Classification (Global Harmonized Standard Classification):

Carcinogenicity Category 1A (H350)

Specific target organ toxicity, single exposure; Respiratory tract irritation - Category 3 (H335)

Specific target organ toxicity, repeated exposure - Category 1A (H372)

GHS Label, Hazards and Precautionary Statements

GHS Pictogram:

Crystalline Silica:



Category 3 (Respiratory tract irritation) (H335)

Label Signal Word: Danger

Category 1A (Carcinogenicity) (H372)

2 | HAZARDS IDENTIFICATION (CONT)

HAZARD STATEMENTS	(H350) May cause CANCER (inhalation) (H335) May cause respiratory irritation (H372) Cause damage to organs (lungs/respiratory) through prolonged or repeated exposure (inhalation)
PRECAUTIONARY STATEMENTS	Do not handle until all safety precautions have been read and understood. (P202) Do not breathe dust/spray. (P260 + P261) Wash skin thoroughly after handling. (P264) Do not eat, drink or smoke when using this product. (P270) Wear protective gloves, protective clothing, eye protection, face protection. (P280)
POTENTIAL HEALTH EFFECTS	Inhalation: Do not breathe dust. See "Health Hazards" in Section 11 for more details.

3 | COMPOSITION / INFORMATION ON INGREDIENTS

Tile products are mixtures of predominately Clays, Silica Sand and other naturally-occurring minerals, that have been mixed with water and fired in a high temperature kiln.

Tiles are manufactured in various shapes, sizes and colors.

These products do not contain asbestos.

Under normal conditions these products do not release hazardous materials after installation and are not considered hazardous waste should disposal be necessary.

Composition	CAS# / EINECS#	Estimated % by Wt.	EU Class
Crystalline silica as quartz	CAS: 14808-60-7 EINECS: 238-878-4	0-30	(67/548/EEC) Xn R48/20
Clays	CAS: 1332-58-7 EINECS: 265-064-6	20-55	(67/548/EEC) Xi R36/37/38
Nepheline syenite	CAS: 37244-96-5 EINECS: N/A	0-50	(67/548/EEC) Xi R36/37/38
Talc	CAS: 14807-96-6 EINECS: 238-877-9	0-40	(67/548/EEC) Xi R36/37/38
Feldspar	CAS: 68476-25-5 EINECS: 270-666-7	0-15	(67/548/EEC) Xi R36/37/38
Biotite	CAS: 12001-26-2 EINECS: 215-479-3	0-5	(67/548/EEC) Xi R36/37/38

4 | FIRST AID MEASURES

EYES	Immediately flush eyes with large amounts of water for at least 15 minutes if dust gets in eyes. Get medical attention if irritation persists.
SKIN	Wash thoroughly after working with tiles.
INHALATION	Move to fresh air if exposed to large amounts of tile dust. Administer artificial respiration if breathing has stopped. Keep victim at rest. Call for prompt medical attention.
INGESTION	Not applicable for intact tiles.

Have emergency eyewash station available in area where tiles are cut.

5 | FIRE-FIGHTING MEASURES AND INFORMATION

FLASH POINT (METHOD USED):	Not Applicable
AUTOIGNITION TEMPERATURE:	Not Applicable
FLAMMABLE LIMITS (% BY VOLUME IN AIR)	LEL - Not Applicable UEL - Not Applicable
FIRE EXTINGUISHING MEDIA	None Required Non-flammable
SPECIAL FIRE FIGHTING PROCEDURES	None Required
FIRE AND EXPLOSION HAZARDS	None

6 | ACCIDENTAL RELEASE MEASURES

Avoid creating excessive dust. Clean up dust with a vacuum system with a high-efficiency particulate (HEPA) air filter vacuum or damp sweeping. See section 8 of this SDS concerning PPE information for clean-up.

7 | HANDLING AND STORAGE

When cutting, grinding or removing, use equipment with integral dust collection and/or use local exhaust ventilation. Use wet cutting methods to reduce generation of dust. Use respiratory protection in the absence of effective engineering controls. Do not store near acids. If tiles contact some acids, damage / discoloration to the surface may occur. Shelf life unlimited.

8 | EXPOSURE CONTROLS / PERSONAL PROTECTION

Composition	OSHA PEL	NIOSH IDLH	ACGIH TLV*	Units
Crystalline silica as quartz	10	0.05	0.025	mg/m ³
-respirable fraction	%SiO ₂ +2			
-total dust	30	N.E.	N.E.	mg/m ³
	%SiO ₂ +2			
Clays				
-respirable fraction	5	N.E.	2	mg/m ³
-total dust**	15	N.E.	10	mg/m ³
Nepheline syenite				
-respirable fraction**	5	N.E.	N.E.	mg/m ³
-total dust**	15	N.E.	N.E.	mg/m ³
Talc				
-respirable fraction	2	2	2	mg/m ³
-total dust**	15	10	10	mg/m ³
Feldspar				
-respirable fraction	N.E.	N.E.	N.E.	mg/m ³
-total dust**	15	N.E.	N.E.	mg/m ³
Biotite				
-respirable fraction**	5	15	3	mg/m ³
-total dust**	15	N.E.	N.E.	mg/m ³

* 2006 Edition, respirable fraction to be determined as per Appendix D of ACGIH TLV.

** Covered as particles not otherwise regulated per OSHA and particles not otherwise classified per ACGIH.

N.D. - Not determined

N.E. - Not established

8.2 EXPOSURE CONTROL / PERSONAL PROTECTION

VENTILATION

Use adequate ventilation to keep exposure to dust below recommended exposure levels. Avoid inhalation of dust. The highest probability of silica exposure occurs during installation using dry cutting methods or during removal of installed tile. Wet cutting methods are recommended.

RESPIRATORY PROTECTION

Use of a properly fitted NIOSH/MSHA approved particulate respirator is recommended when cutting tiles for installation or during the removal of installed tile.

EYE PROTECTION

Use dust-proof goggles or safety glasses with side shields. Contact lenses may absorb irritants. Do not wear contacts lenses in work areas.

SKIN PROTECTION

Cotton or leather work gloves should be worn when cutting this product to minimize skin exposure to dust and / or cuts. Wash hands prior to eating, drinking or smoking and at the end of the work shift, after cutting operations are conducted.

NOTE: Personal protection information in Section 8 is based on general information for normal uses and conditions. When special or unusual uses or conditions exist, it is suggested that the assistance of an industrial hygienist or other qualified professional be obtained.

9 | PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brittle solid; color may vary
Odor:	Odorless
Melting Point:	Not Available (>2200 °F)
Boiling Point:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density (Air = 1):	Not applicable
Solubility in Water:	Insoluble
Specific Gravity (H ₂ = 1):	1.6 to 2.1
Percent Volatile by Volume:	Not applicable
Evaporation Rate (Ethyl Ether = 1):	Not applicable
Viscosity:	Not applicable
Volatility:	0 g/L Volatile Organic Compounds (VOCs)

10 | STABILITY AND REACTIVITY

Stability:	Stable in current form.
Conditions to Avoid:	Avoid contact with acids (e.g., acetic, hydrofluoric, etc.)
Incompatibility (Materials to Avoid):	Avoid contact with acids (e.g., acetic, hydrofluoric, etc.)
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	None.

11 | TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

PRIMARY ROUTES OF EXPOSURE

None for intact tile. Inhalation and potential exposure to eyes, hands or other body parts if contact is made with broken tile and or during procedures involving the cutting of tiles and or for operations involving the removal of installed tiles.

ACUTE EFFECTS

No acute effects from exposure to intact tile are known. Working with broken or cut tile produces a potential for cuts to the hands and exposed body parts. Acute effects such as eye irritation may occur if associated with high dust operations such as dry cutting tile or during the removal of installed tile. In very rare cases, symptoms of acute silicosis, a form of silicosis (a nodular pulmonary fibrosis) associated with exposure to respirable crystalline silica, may develop following acute exposure to extremely dusty environments caused by the generation of tile dust. Signs such as labored breathing and early fatigue may indicate silicosis; however, these same symptoms can arise from many other causes.

CHRONIC EFFECTS

No chronic effects are known for exposure to intact tile. Long-term, continual exposure to respirable crystalline silica at or above established permissible occupational exposure limits may lead to the development of silicosis, a nodular pulmonary fibrosis (NPF). NPFs are also associated with pulmonary tuberculosis, bronchitis, emphysema, and other airway diseases. This type of chronic exposure to silica dust may also result in the development of autoimmune disorders, chronic renal disease, and other adverse health effects. Recent epidemiological studies demonstrate that workers exposed to elevated silica concentrations have a significant risk of developing chronic silicosis. Signs such as labored breathing and early fatigue may indicate silicosis; however, these same symptoms can also arise from many other causes.

POTENTIAL ADVERSE INTERACTIONS

Silicosis may be complicated by severe mycobacterial or fungal infections and result in tuberculosis (TB). Epidemiological studies have established that silicosis is a risk factor for developing TB. Any existing respiratory or pulmonary diseases may be complicated by exposure to respirable crystalline silica. Smoking may increase the risk of adverse effects if done in conjunction with occupational exposure to silica dust at or above permissible exposure limits.

CARCINOGEN STATUS

Respirable crystalline silica is classified by the International Agency for Research on Cancer (IARC) as a Group I Carcinogen (carcinogenic to humans). The National Toxicology Program (9th Report) lists respirable crystalline silica as "Known to be a Human Carcinogen". USDOL/OSHA and NIOSH have recommended that crystalline silica be considered a potential occupational carcinogen.

OVERVIEW OF ANIMAL TESTING

Short term experimental studies of rats have found that intra tracheal instillation of quartz particles leads to the formation of discrete silicotic nodules in rats, mice and hamsters.

Oral (silica) Lethality

LD50 Rat Oral > 22,500 mg/kg

LD50 Mouse oral > 15,000 mg/kg

12 | ECOLOGICAL INFORMATION

All our productions are composed by a minimum of **35%** of recycled content.

13 | DISPOSAL CONSIDERATIONS

Waste should be disposed of in a landfill certified to accept such materials in accordance with country regulations.

14 | TRANSPORTATION INFORMATION

D.O.T. Shipping name:	Not applicable
Hazard Class:	Non-regulated <i>(for disposal purposes material is non-hazardous Class III regulated material)</i>
ID Number:	Not applicable
Marking:	Not applicable
Label:	None
Placard:	None
Hazardous Substance/RQ:	Not applicable
Shipping Description:	Porcelain/Ceramic Tiles
Packaging References:	None

15 | REGULATORY INFORMATION

This product and/or its components have been previously introduced into U.S. commerce and is listed in the Toxic Substances Control Act (TSCA) Inventory of Chemicals in Commerce. Hence, it is subject to all applicable provisions and restrictions under TSCA 40 CFR Section 721 and 723.250.

This tile contains <1 percent by weight each of the following elements, which are SARA 313 Recordable: Antimony, Arsenic, Barium, Beryllium, Cadmium, Cobalt, Chromium, Copper, Manganese, Mercury, Nickel, Lead, Silver, Thallium, Tin, Titanium, Vanadium, and Zinc.

Title 22 Division 2, California Code of Regulation Chapter 3 (Proposition 65): This product contains a chemical or chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.

This product or its components meets the following hazard definition(s) as defined by the Occupational Safety and Health Hazard Communication Standard (29 CFR Section 1910.1200):

<input type="checkbox"/> Combustible Liquid	<input type="checkbox"/> Flammable Aerosol	<input type="checkbox"/> Oxidizer
<input type="checkbox"/> Compressed Gas	<input type="checkbox"/> Explosive	<input type="checkbox"/> Pyrophoric
<input type="checkbox"/> Flammable Gas	<input checked="" type="checkbox"/> Health Hazard <i>(Sections 3&11)</i>	<input type="checkbox"/> Unstable
<input type="checkbox"/> Flammable Liquid	<input type="checkbox"/> Organiz Peroxide	<input type="checkbox"/> Water Reactive
<input type="checkbox"/> Flammable Solid		

☐ Based on information presently available, this product does not meet any of the hazard definitions of 29 CFR Section 1910.1200.

NOTE: The information in this data sheet provides information related to the potential hazards associated with dusts which may be produced during cutting or otherwise changing the shape of the tile during installation and/or removal.

16 | REGULATORY INFORMATION

Global Harmonization Identification System GHIS:	Health: 3	Fire: 4	Reactivity: 0
Hazardous Material Identification System HMIS:	Health: 1	Fire: 0	Reactivity: 0
National Fire Protection Association NFPA:	Health: 1	Fire: 0	Reactivity: 0

SECTION 1 | CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT IDENTIFIER 2.5" x 10" Field and Picket Ceramic Mosaics
COMPANY NAME Jeffrey Court, Inc - 620 Parkridge Avenue Norco, CA (951) 340-3383

SECTION 2 | COMPOSITION, INFORMATION OR INGREDIENTS

None per OSHA Standard 29 CFR 1910.1200 & SARA Title III, Section 313 (See Section 3 for additional information)

SECTION 3 | HAZARDS IDENTIFICATION

Jeffrey Court products are produced for residential and commercial wall use and come in a wide variety of sizes and designs and colors. All of the products are classified as an "article" according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200(c). They are formed to a specific shape and design during manufacture, have end use application dependent on their colors and design and finished, and do not release any hazardous chemicals under normal conditions of use and when used according to manufacturer's specifications.

SECTION 4 | FIRST AID MEASURES

PRIMARY ROUTES OF ENTRY:	N/A	SKIN CONTACT:	N/A
TARGET ORGANS:	N/A	INHALATION:	N/A
EFFECTS OF OVEREXPOSURE:	N/A	INGESTION:	N/A
EYE CONTACT:	Possible irritation – Flush with water		

SECTION 5 | FIRE FIGHTING MEASURES

FLASH POINT:	N/A	AUTO IGNITION TEMP.:	N/A
LOWER EXPLOSIVE LIMIT (LEL):	N/A	UPPER EXPLOSIVE LIMIT (UEL):	N/A
BOILING POINT:	N/A	MELTING POINT:	N/A
UNUSUAL FIRE/EXPLOSION HAZARDS:	None	EXTINGUISHING MEDIA:	Water
SPECIAL FIRE FIGHTING PROCEDURE:	Self contained breathing apparatus.		

Material is considered to be self extinguishing.

SECTION 6 | ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	None	IF RELEASED OR SPILLED:	N/A
METHODS FOR CLEAN-UP:	Vacuuming recommended	WASTE DISPOSAL METHOD:	See Section 13

SECTION 7 | HANDLING AND STORAGE

Storing inside a rain-proof & dampproof space to keep products and packing dry as it's in Ceramic quality with water absorption around 13%~17%

SECTION 8 | EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory Protection: Not required if manufacturer's installation and maintenance instructions are followed.
Warning: Follow installation and maintenance instructions to avoid excessive dust. It is recommended to use caution if removing or disturbing existing wall materials prior to the installation of this product since, unlike this product, they may contain asbestos fibers.

SECTION 9 | CHEMICAL PRODUCT AND COMPANY INFORMATION

APPEARANCE:	Glazed Tile	PHYSICAL STATE:	Glazed Tile
SPECIFIC GRAVITY:	N/A	VAPOR PRESSURE:	N/A
SOLUBILITY IN WATER:	N/A	VAPOR DENSITY:	N/A

SECTION 10 | COMPOSITION, INFORMATION OR INGREDIENTS

STABILITY:	N/A	INCOMPATIBILITY:	N/A
HAZARDOUS DECOMPOSITION:	N/A	HAZARDOUS REACTIONS:	N/A
HAZARDOUS POLYMERIZATION:	N/A	CONDITIONS TO AVOID:	N/A

SECTION 11 | HAZARDS IDENTIFICATION

Acute Effects: N/A

Chronic Effects: N/A

Industrial hygiene testing has determined that Studio Arte Co., Ltd presents no exposure health risk when product is installed and maintained as specified by the manufacturer.

SECTION 12 | FIRST AID MEASURES

ENVIRONMENTAL FATE: Not Determined

ENVIRONMENTAL TOXICITY: Not Determined

SECTION 13 | FIRE FIGHTING MEASURES

Dispose of as a non-hazardous solid in accordance with all federal, state and local requirements.

SECTION 14 | ACCIDENTAL RELEASE MEASURES

DOT HAZARD CLASS: Not Regulated

DOT UN NO: N/A

SECTION 15 | HANDLING AND STORAGE

ALL INGREDIENTS OF THESE PRODUCTS ARE INCLUDED IN THE U.S. EPA'S TSCA INVENTORY OR ARE EXEMPT FROM TSCA INVENTORY REQUIREMENTS.

CERCLA Sections 102a/103 Hazardous Substances (40CFR302.4):

SARA Title III Section 302 Extremely Hazardous Substances (40CFR355.30):

SARA Title III Section 313 (40CFR372.65):

OSHA Process Safety (29CFR1910.1119):

SARA Title III Sections 311/312 Hazardous Categories (40CFR370.21):

N/A

Not Regulated

Not Regulated

Not Regulated

Acute: No

SECTION 16 | EXPOSURE CONTROLS & PERSONAL PROTECTION

HMIS Severity Rating Index:

(0 = minimal hazard; 4 = severe hazard)



DISCLAIMER

To the best of our knowledge the information contained herein is accurate. However, neither the company nor its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Because conditions of use are beyond Jeffrey Court's control, the company makes no representations, guarantees or warranties, either expressed or implied warranties as to the fitness of the product for use, and assumes no liability related to the information contained above. Jeffrey Court requires, as a condition of use of its products, that purchasers comply with all applicable Federal, State, and Local health and safety laws, regulations, orders, requirements, and strictly adhere to all instructions and warnings which accompany the products.

SECTION 1 | IDENTIFICATION

PRODUCT IDENTIFIER Ceramic Tile Series 8" x 8" Field Tile - Natural Series

COMPANY NAME Jeffrey Court, Inc
620 Parkridge Avenue
Norco, CA
(951) 340-3383

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