

## CHAPTER FIVE

## MODERN MIXER™

## CHAPTER OUTLINE

**Introduction**

Whether hosting a large party or simply relaxing with just friends and family, our new Chapter 5 sets the perfect scene for your Modern Mixer. The collection was curated with the heyday essence of mid-century modern design in mind.

Mid-century design stripped away the unnecessary and focuses on keeping things practical and true to materiality. This retro style embraces the notion that form follows function — highlighting the materials used rather than making them something they are not, which is also true for the items in this collection.

The Terrazzo elements showcase bits of colorful marble fragments, embedded in minimalistic patterns for a sophisticated charm. Terrazzo dates back to 15th century Italy, when Venetian workers would use remnants from upscale jobs to create inexpensive flooring for their own homes and patios. Introduced in America during the late 1700's, terrazzo was instantly well received. Many monuments and historic structures incorporated it in their design. The Terrazzo installation methods quickly evolved, making it faster and more durable than many of the other flooring options. It is thought to be the world's first original sustainable flooring.

In addition to the mirroring of interior and exterior concepts through material choice and color pallet, the mosaic patterns also resonate mid-century design features such as straight lines and angular details. Mid-century modern signature look is found in its low-profile structure with sleek, uncluttered lines in both geometric and organic forms.

The collection also incorporates three metallic transition pieces, which harken back to the metallic finishes that were extremely prominent during the style's prime.

**Key Features****1. Colors**

— The Terrazzo is available in 4 colors:

- Spirits - Off white base with white, black, and rust colored aggregate.
- Bourbon - Off white base with white, grey, & taupe aggregate.
- Gibson - Light grey base with grey & white aggregate.
- Vermouth - Charcoal grey aggregate with large and small aggregate.

## 2. Field Tiles

— This collection offers a 3” x 12” and 8” x 16” Terrazzo fields in all four colors: Spirits, Bourbon, Gibson, & Vermouth.

— A 16” x 16” 2cm Terrazzo Paver in all four colors: Spirits, Bourbon, Gibson, & Vermouth.

## 3. Mosaics

— The Terrazzo and Dolomite blend mosaics are offered in a random triangle look called Sunder and a two-toned basket design called Cloven in all four colors: Spirits, Bourbon, Gibson, & Vermouth.

— Terrazzo solid mosaics are offered in a 3” Hexagon & a Chevron pattern in all four colors: Spirits, Bourbon, Gibson, & Vermouth.

## 4. Trims

— Terrazzo:

- Includes a dome .75” x 12” in all four colorways: Spirits, Bourbon, Gibson, & Vermouth.

— Metal:

- Includes three stainless steel transitional liners in Gold, Copper and Silver.

## Application

Please reference the application Chart for Chapter 5 on our website, [JeffreyCourt.com](http://JeffreyCourt.com), for more details on recommended applications.

## Testing

Product specifications are listed on each product specific web page on [JeffreyCourt.com](http://JeffreyCourt.com). If available, testing results for applicable products can be found on the back of the respective chapter catalog for easy reference.

## Installation Tips

### 1. Blending and Shade Variation

— To achieve your desired look, Jeffrey Court recommends that you inspect and confirm the tile and layout prior to installation. Installation of tile constitutes acceptance.

— It is highly recommended to blend products from multiple cartons to ensure a proper uniform look. All issues pertaining to shade variation should be addressed prior to installation.

— Tonal variation is inherent and to be expected and should blend like stone tile.

## 2. Substrates

- All suitable substrates must be clean and free of any contaminants such as dirt, oil, or sealers.
- All substrates should be flat prior to beginning install to prevent lippage.
- Variation in substrate:
  - Adhesive-set
    - Standard size pavers (15” or less) - substrate max. variation 1/4” in 10ft.
    - Large format sizes (greater than 15”) - substrate max. variation 1/8” in 10ft.
  - Sand-set
    - Compacted sand base - max. variation 3/8” in 10ft.
- Waterproofing membrane should be used when moisture is present. As always, we recommend following the waterproofing manufacturer’s instructions.
- Cement board or prepared concrete are suitable for substrate preparation.

## 3. Rating

- For specific item-by-item shade variation rating, please reference each product specific web page on JeffreyCourt.com.

## General Tips

We recommend appointing a professional tile setter who has experience setting Terrazzo. Chapter 5 Terrazzo requires the expertise of a qualified and detail-oriented mechanic. This will ensure that the investment made to procure this product is also teamed with a proper installation.

Large format tiles with a side greater than 15” require additional design measures including tile pattern, setting bed, expansion joints and increased grout joint size.

## Floor Tiles

### 1. Preparing the Tile for Installation

- Tile should be climatized up to 48 hours in final environment prior to installation.
- Prior to installing, perform a dry layout of the tiles, blending tiles from different cartons to achieve desired blend of pattern and color variation.
- Excessive dust on the back of the tile can be wiped-off to ensure adhesive bonding, however, tile dust will bond with recommended adhesive.

### 2. Preparing the Substrate to Receive the Tile

- Waterproofing membrane should be employed where moisture is present.
- Follow all adhesive manufacturer preparation instructions.

– Mortar set - a minimum of 3/4” thick (sand/pedestal set use minimum 2” thick).

### **Setting Material**

A high-quality white polymer mortar for large format tile is recommended. Examples of suitable mortars include:

- a. Bostik Large Format Floor™ Polymer- Modified Mortar for Large Format Tile
- b. Custom Building Products Flexbond®-LFT Premium Crack Prevention Large Format Tile Mortar
- c. Mapei Ultraflex LFT Premium, Large-and-Heavy-Tile Mortar with Polymer

Wall Tiles - should be set with a rapid setting thinset adhesive. Tile should be fully back- butter tile with 1/2” notch trowel to ensure 100% coverage and no voids.

### **Cutting**

A professional grade wet saw outfitted with a high-quality diamond blade designed for cutting tiles is recommended. Always cut tiles with the face up.

### **Trowel Size**

- a. A 1/2” x 1/2” x 1/2” square notched trowel is recommended
- b. Tiles should be back buttered to achieve a good mechanical bond

### **Grout Joint**

- a. Wall Tiles – Tile joints must be adequately sized to suit the tile format, substrate, any curvature, and tile pattern to mitigate lippage. Grout joint size to be at least 1/8” in width.
- b. Pavers -
  - i. Adhesive-set installation - use sanded grout.
  - ii. Sand-set installation - use polymeric sand to infill pedestal-set installation - use appropriate 1/8”, 3/16” or 1/4” tabs joint sizing to be at least .5% the longest paver edge but not less than 1/8”.

### **Grout**

- a. Cementous sanded grout and urethane grouts are suitable
  - i. Staining of Terrazzo may occur if Terrazzo is not sealed prior to grouting when using a darker color grout. For items that include metal (Trim Transitional Gold, Copper, Silver), we recommend Prism Ultimate Performance Grout. Be sure to keep the film over the metal accents during grouting and cleaning, this will prevent scratching and damaging of the metal during installation.

## Sealer

A high-quality penetrating sealer is recommended to be applied to the Terrazzo before and after grouting

- a. Sealing is required as part of the ongoing maintenance of Terrazzo tiles. Refer to the sealer manufacturer's guidelines for frequency of reapplying sealer.
- b. For added protection against spills, the clean and seal process can be repeated using client discretion.

## Care and Maintenance

- a. We recommend using a PH neutral cleaner for routine cleaning
- b. Dust mopping or sweeping is recommended to keep the surface clean and free of debris
- c. Regular sweeping or vacuuming is recommended prior to cleaning with a PH Neutral Cleaner.
- d. For ongoing cleaning of items that include metal, use an ultra-soft towel to gently wipe the surface.

Avoid scrubbing the metal accents as aluminum will scratch with any type of paper or terry towels. Please note the metal will naturally Patina and scratch over time.

## Shipment and Inspection of the Tile

- a. Floor Tiles - Ensure you have ordered 20% overage to compensate for tile-cuts and damage.
- b. Handle the tile with care, do not drop or stack higher than as shipped.
- c. Inspect product carefully upon arrival and email us immediately with irregularities or damage.
- d. Store crate(s) in a climatized environment, covered and protected from spills or damage.

Any tiles removed from crates should be stored, braced, and protected as shipped.

## Merchandising

The marketing and merchandising of this collection is supported by montage boards, touch boards, and A&D sample cards. All of these point of purchase materials are accompanied by the Chapter 5 Terrazzo catalog. Showroom installation and loose sample pieces can also be ordered at a discounted price.

Visit the Jeffrey Court website, [JeffreyCourt.com](http://JeffreyCourt.com), to gain inspiration on the design possibilities offered with Chapter 5 Terrazzo.

\*Urethane grout was used on the touch boards for this collection. Pre-sealing any matte/frosted tiles prior to grouting with urethane grout is required. Suggested recommendation: Aqua Mix® Grout Release.

# Safety Data Sheet

According to “BY-LAW ON REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS (Official Gazette No:23.06.2017-30105)”

## CEMENT BASED TERRAZZO MOSAIC WITH MARBLE AGGREGATE

Preparation Date: 31.05.2022  
Revision Number: 0

Revision Date: -  
SDS Number: ZD.SDS:1143

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Identity of the Substance / Mixture

**Product Name:** CEMENT BASED TERRAZZO MOSAIC WITH MARBLE AGGREGATE  
**Registration number:** It's mixture

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Recommended Uses

Identified Uses: Cladding, flooring, tile, wall tile

#### 1.3 Information of the Supplier of Safety Data Sheet

- **Name and Address of Company;**

Company Name: Jeffrey Court Inc.  
Address: 620 Parkridge Ave, Norco, CA 92860  
Phone: (951) 340-3383  
Fax: (951) 340-2429

#### 1.4 Emergency telephone number:

EMERGENCY TELEPHONE: In case of poisoning, call the American Association of Poison Control Centers (AAPCC) 1-800-222-1222  
Emergency response center: 911

### 2. HAZARDS IDENTIFICATION

**2.1 Physical Effect:** There is no physical danger.

**Potential Acute Effect on Health:** Skin Irrit. 2 H315 Skin Sens. 1B H317 Eye Dam.1 H318

**Effects on environment:** There is no environment effect

#### 2.2 Classification of the substance or mixture

**According to CLP;**

# Safety Data Sheet

According to “BY-LAW ON REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS (Official Gazette No:23.06.2017-30105)”

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### Signal pictograms:



**Signal word:** Danger

### Hazard statements:

H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.

### Precautionary statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264: Wash with soap and water thoroughly after handling.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P362+P364: Take off contaminated clothing and wash it before reuse.  
P501: Dispose of contents/container in accordance with waste management regulations.

### 2.3. Additional information:

This product does not contain any PBT or vPvB Substances.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Chemical Identification: Mixture

• Dangerous substances it contains:

Chemical Name	EC No	CAS No	Content %	Classification (CLP)
Cement, portland, chemicals	266-043-4	65997-15-1	<17	Skin Irrit. 2 H315 Skin Sens. 1B H317 Eye Dam. 1 H318 STOT SE 3 H335

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Vinyl acetate	203-545-4	108-05-4	0,25	Flam Liq. 2 H225 Carc. 2 H351 STOT SE 3 H335 Acute Tox.4 H302
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### 4. FIRST AID MEASURES

#### 4.1 Explanation of First Aid Measures

**Inhalation:** Get medical attention if any discomfort continues.

**Skin:** Wash the skin immediately with soap and water. if skin irritation or rash occurs: Get medical advice/attention.

**Eye:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if any discomfort continues.

**Ingestion:** Get medical attention if any discomfort continues.

#### 4.2 Most important symptoms and effects, both acute and delayed

May cause eyes irritation.

#### 4.3 First Signs For Medical Intervention And Special Treatment Requirement

Treat Symptomatically

### 5. FIREFIGHTING MEASURES

#### 4.3 First Signs For Medical Intervention And Special Treatment Requirement

This product is not flammable and explosive. Use extinguishing media appropriate to surrounding conditions.

#### 5.2. Special hazards arising from the substance or mixture:

##### Specific Hazards

No hazardous releases in case of fire are expected.



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### 5.3. Special protective equipment

#### Special fire fighting methods

Move product from fire area if it can be done without risk. if possible, fight fire from protected position.

#### Protective Equipment

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Protective Precautions/ Personal Protection

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact eyes.

### 6.2 Environmental Precautions

This product is mainly based on natural clay which is used to protect the environment, so no special precautions are required.

### 6.3 Methods and material for containment and cleaning up

**Large Spillages:** Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.

**Small Spillages:** Remove small spills with vacuum cleaner.

### 6.4 Reference to other sections

For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## 7. HANDLING AND STORAGE

### 7.1 Usage/ Handling

No special precautions. Observe the general safety regulations when handling the rolls on site. Technical Measures: Vehicles should be capable of lifting the rolls securely.

### 7.2 Storage

Store in a well-ventilated area and keep away from children

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### 7.3. Specific End Use(s)

The Identified uses for this product are detailed in Section 1.2.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Occupational exposure limits

### 8.2. Exposure controls

#### Respiratory equipment

Not Applicable.



#### Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

#### Eye protection

Wear dust resistant safety goggles where there is danger of eye contact.

#### Hygiene measures

Wash hands and other exposed areas with soap and water before eating and drinking. Keep the working area as tidy as possible.

#### Skin protection

Wear apron or protective clothing in case of splashes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. General information

## Safety Data Sheet

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### CEMENT BASED TERRAZZO MOSAIC WITH MARBLE AGGREGATE

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Appearance: Solid

Odor: Odorless

Odor Threshold: No Data

pH value: No Data

Melting Point: No Data

Initial Boiling Point: No Data

Freezing Point: No Data

Flash Point: No Data

Melting Point: No Data

Evaporation Rate: No Data

Flammability (Solid, Gas): No Data

Upper / Lower Explosion Limits: No Data

Vapor Pressure: No Data

Vapor Density: No Data

Refractometric value: No Data

Density: No Data

Solubility: It emulsifies

Partition Coefficient: No Data

Flammability Temperature: No Data

Decomposition Temperature: No Data

Viscosity: No Data

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Flammability Feature: No Data

Explosion Properties: No Data

Evaporation Rate: No Data

### 10. STABILITY AND REACTIVITY

**10.1. Reactivity:** No specific reactivity hazards associated with this product.

**10.2. Chemical stability:** Stable under normal temperature conditions and recommended use.

**10.3. Possibility of hazardous reactions:** None expected.

**10.4. Conditions to avoid:** Keep away from wet

**10.5. Incompatible Materials:** None Known.

**10.6. Hazardous decomposition products:** No hazardous decomposition or by-products are expected

### 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

**Acute toxicity:** Not applicable.

**Inhalation:** Not applicable.

**Ingestion:** Not applicable.

**Skin Contact:** Adverse effects are not expected.

**Eye Contact:** May cause irritation.

### 12. ECOLOGICAL INFORMATION

#### 12.1 Ecotoxicity

The product is not classified as environmentally hazardous.

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### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

Insoluble in water.

### 12.5. Result of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. General Disposal Information of Product

Dispose of in a safe manner in accordance with local/national regulations.

## 14. TRANSPORT INFORMATION

**General** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable

### 14.2. UN proper shipping name

Not applicable

## Safety Data Sheet

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#### 14.3. Transport hazard class(es)

**Transport Labels** No transport warning sign required.

#### 14.4. Packing group

Not applicable

#### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

#### 14.6. Special precautions for user

Not applicable

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

### 15. REGULATORY INFORMATION

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Related regulations;

BY-LAW ON REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS (Official Gazette No: 23.06.2017-30105)

Classification of substances and mixtures, Packing and Labelling Regulations - (11 December 2013 and 28848 Rep. No.)

ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road (R.G.24/10/2013-28801)

**15.2. Chemical Safety Assessment:** No Chemical Safety Assessment has been carried out by the supplier for this mixture.

### 16. OTHER INFORMATION

# Safety Data Sheet

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Revision Number: 0

SDS Number: ZD.SDS:1143

### 16.1. Revision date: -

**Changes:** First preparation

### 16.2. Shortcuts

SDS: Safety Data Sheet

CAS: Service registration number of chemicals

EINECS: European Inventory of Chemical Substances

SEA: Regulation on Classification, Labeling and Packaging of Substances and Mixtures published in RG.-11/12 / 2013-28848

CLP: EU Directive 1272/2008 <Classification, Labeling and Packaginmg of Substances and Mixtures>

TWA: Measured or calculated time-weighted average for specified reference time of 8 hours.

STEL: The maximum exposure value that must not be exceeded for a period of 15 minutes unless otherwise specified.

Mg / m<sup>3</sup>: at 20° C and 101.3 KPa. (760 mm mercury pressure) The amount of material in milligrams of 1 m<sup>3</sup> of air at pressure.

ppm: the amount of material contained in 1 m<sup>3</sup> of air in milliliters (ml / m<sup>3</sup>)

NIOSH: The National Institute for Occupational Safety and Health CEN: Normalization at the European Commission

NTP: (National Toxicology Program) National Toxicology Program

IARC: The International Agency for Reasearch on Cancer

OSHA: (Occupational Safety and Health Association)

EWC: (European Waste Catalog) European Union Waste Catalog

ADR: Transport of Dangerous Goods

RID: Transport of dangerous goods by rail

ADNR: Regulation on the Carriage of Dangerous Goods in Rivers

IMDG: Regulation on Training and Authorization within the scope of International code on dangerous cargoes transported by sea

ICAO: International Civil Aviation Organization

IATA: International Air Transport

### 16.3. Reference and Sources

- The key information sources used in the editing of this safety data sheet are as follows.
- Data Sheets for raw materials and product components
- Regulations and annexes on the preparation and distribution of safety data sheets for dangerous goods and preperations.
- Regulation on Preparation of Safety Data Sheets for Hazardous Substances and Mixtures (13.12.2014- Official Gazette No. 29204) and its annexes
- UN ADR, IMDG, IATA LISTS

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- ECHA and related EU directives, IUCLID (HSCB), HSDB (DANGEROUS DATA DATA BANK)

### 16.4. Method / procedure used for classification and classification of mixtures: In accordance with the Regulation on Classification, Labeling and Packing of Substances and Mixtures (Official Gazette: 11.12.2013, Article 28848)

Skin Irritation - Category 2-H315-Calculation method

Skin Sensitive - Category 1-H317-Calculation method

Eye Damage- Category 1- H318- Calculation method

### 16.5. Full text of H-Statements based on sections 2 and 3

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H225: Highly flammable liquid and vapour.

H351: Suspected of causing cancer.

H335: May cause respiratory irritation.

H302: Harmful if swallowed.

### 16.6. Other informations

This document has been issued by the person(s) certified in accordance with the regulations by making use of the safety data sheets provided by the manufacturer.

### Other informations

Use and application information is given in the technical leaflets of the products. The details are based on the information we have today and donot represent any assurance on product quality, nor can **CEMENT BASED TERRAZZO MOSAIC WITH MARBLE AGGREGATE** was prepared on behalf of **Jeffrey Court Inc.**



# Safety Data Sheet

According to “BY-LAW ON REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS (Official Gazette No:23.06.2017-30105)”

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### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Identity of the Substance / Mixture

**Product Name:** CEMENT BASED TERRAZZO MOSAIC WITH MARBLE AGGREGATE  
**Registration number:** It's mixture

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Recommended Uses

Identified Uses: Cladding, flooring, tile, wall tile

#### 1.3 Information of the Supplier of Safety Data Sheet

- **Name and Address of Company;**

Company Name: Jeffrey Court Inc.  
Address: 620 Parkridge Ave, Norco, CA 92860  
Phone: (951) 340-3383  
Fax: (951) 340-2429

#### 1.4 Emergency telephone number:

EMERGENCY TELEPHONE: In case of poisoning, call the American Association of Poison Control Centers (AAPCC) 1-800-222-1222  
Emergency response center: 911

### 2. HAZARDS IDENTIFICATION

**2.1 Physical Effect:** There is no physical danger.

**Potential Acute Effect on Health:** Skin Irrit. 2 H315 Skin Sens. 1B H317 Eye Dam.1 H318

**Effects on environment:** There is no environment effect

#### 2.2 Classification of the substance or mixture

**According to CLP;**

# Safety Data Sheet

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## CEMENT BASED TERRAZZO MOSAIC WITH MARBLE AGGREGATE

Preparation Date: 31.05.2022

Revision Number: 0

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SDS Number: ZD.SDS:1143

### Signal pictograms:



**Signal word:** Danger

### Hazard statements:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

### Precautionary statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash with soap and water thoroughly after handling.

P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P362+P364: Take off contaminated clothing and wash it before reuse.

P501: Dispose of contents/container in accordance with waste management regulations.

### 2.3. Additional information:

This product does not contain any PBT or vPvB Substances.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Chemical Identification: Mixture

• Dangerous substances it contains:

Chemical Name	EC No	CAS No	Content %	Classification (CLP)
Cement, portland, chemicals	266-043-4	65997-15-1	<17	Skin Irrit. 2 H315 Skin Sens. 1B H317 Eye Dam. 1 H318 STOT SE 3 H335

# Safety Data Sheet

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Vinyl acetate	203-545-4	108-05-4	0,25	Flam Liq. 2 H225 Carc. 2 H351 STOT SE 3 H335 Acute Tox.4 H302
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### 4. FIRST AID MEASURES

#### 4.1 Explanation of First Aid Measures

**Inhalation:** Get medical attention if any discomfort continues.

**Skin:** Wash the skin immediately with soap and water. if skin irritation or rash occurs: Get medical advice/attention.

**Eye:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if any discomfort continues.

**Ingestion:** Get medical attention if any discomfort continues.

#### 4.2 Most important symptoms and effects, both acute and delayed

May cause eyes irritation.

#### 4.3 First Signs For Medical Intervention And Special Treatment Requirement

Treat Symptomatically

### 5. FIREFIGHTING MEASURES

#### 4.3 First Signs For Medical Intervention And Special Treatment Requirement

This product is not flammable and explosive. Use extinguishing media appropriate to surrounding conditions.

#### 5.2. Special hazards arising from the substance or mixture:

##### Specific Hazards

No hazardous releases in case of fire are expected.

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### 5.3. Special protective equipment

#### Special fire fighting methods

Move product from fire area if it can be done without risk. if possible, fight fire from protected position.

#### Protective Equipment

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Protective Precautions/ Personal Protection

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact eyes.

### 6.2 Environmental Precautions

This product is mainly based on natural clay which is used to protect the environment, so no special precautions are required.

### 6.3 Methods and material for containment and cleaning up

**Large Spillages:** Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.

**Small Spillages:** Remove small spills with vacuum cleaner.

### 6.4 Reference to other sections

For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## 7. HANDLING AND STORAGE

### 7.1 Usage/ Handling

No special precautions. Observe the general safety regulations when handling the rolls on site. Technical Measures: Vehicles should be capable of lifting the rolls securely.

### 7.2 Storage

Store in a well-ventilated area and keep away from children

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### 7.3. Specific End Use(s)

The Identified uses for this product are detailed in Section 1.2.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Occupational exposure limits

### 8.2. Exposure controls

#### Respiratory equipment

Not Applicable.



#### Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

#### Eye protection

Wear dust resistant safety goggles where there is danger of eye contact.

#### Hygiene measures

Wash hands and other exposed areas with soap and water before eating and drinking. Keep the working area as tidy as possible.

#### Skin protection

Wear apron or protective clothing in case of splashes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. General information

## Safety Data Sheet

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Appearance: Solid

Odor: Odorless

Odor Threshold: No Data

pH value: No Data

Melting Point: No Data

Initial Boiling Point: No Data

Freezing Point: No Data

Flash Point: No Data

Melting Point: No Data

Evaporation Rate: No Data

Flammability (Solid, Gas): No Data

Upper / Lower Explosion Limits: No Data

Vapor Pressure: No Data

Vapor Density: No Data

Refractometric value: No Data

Density: No Data

Solubility: It emulsifies

Partition Coefficient: No Data

Flammability Temperature: No Data

Decomposition Temperature: No Data

Viscosity: No Data

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Flammability Feature: No Data

Explosion Properties: No Data

Evaporation Rate: No Data

### 10. STABILITY AND REACTIVITY

**10.1. Reactivity:** No specific reactivity hazards associated with this product.

**10.2. Chemical stability:** Stable under normal temperature conditions and recommended use.

**10.3. Possibility of hazardous reactions:** None expected.

**10.4. Conditions to avoid:** Keep away from wet

**10.5. Incompatible Materials:** None Known.

**10.6. Hazardous decomposition products:** No hazardous decomposition or by-products are expected

### 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

**Acute toxicity:** Not applicable.

**Inhalation:** Not applicable.

**Ingestion:** Not applicable.

**Skin Contact:** Adverse effects are not expected.

**Eye Contact:** May cause irritation.

### 12. ECOLOGICAL INFORMATION

#### 12.1 Ecotoxicity

The product is not classified as environmentally hazardous.

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### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

Insoluble in water.

### 12.5. Result of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. General Disposal Information of Product

Dispose of in a safe manner in accordance with local/national regulations.

## 14. TRANSPORT INFORMATION

**General** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable

### 14.2. UN proper shipping name

Not applicable



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#### 14.3. Transport hazard class(es)

**Transport Labels** No transport warning sign required.

#### 14.4. Packing group

Not applicable

#### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

#### 14.6. Special precautions for user

Not applicable

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

### 15. REGULATORY INFORMATION

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Related regulations;

BY-LAW ON REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS (Official Gazette No: 23.06.2017-30105)

Classification of substances and mixtures, Packing and Labelling Regulations - (11 December 2013 and 28848 Rep. No.)

ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road (R.G.24/10/2013-28801)

**15.2. Chemical Safety Assessment:** No Chemical Safety Assessment has been carried out by the supplier for this mixture.

### 16. OTHER INFORMATION

# Safety Data Sheet

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### 16.1. Revision date: -

**Changes:** First preparation

### 16.2. Shortcuts

SDS: Safety Data Sheet

CAS: Service registration number of chemicals

EINECS: European Inventory of Chemical Substances

SEA: Regulation on Classification, Labeling and Packaging of Substances and Mixtures published in RG.-11/12 / 2013-28848

CLP: EU Directive 1272/2008 <Classification, Labeling and Packaginmg of Substances and Mixtures>

TWA: Measured or calculated time-weighted average for specified reference time of 8 hours.

STEL: The maximum exposure value that must not be exceeded for a period of 15 minutes unless otherwise specified.

Mg / m<sup>3</sup>: at 20° C and 101.3 KPa. (760 mm mercury pressure) The amount of material in milligrams of 1 m<sup>3</sup> of air at pressure.

ppm: the amount of material contained in 1 m<sup>3</sup> of air in milliliters (ml / m<sup>3</sup>)

NIOSH: The National Institute for Occupational Safety and Health CEN: Normalization at the European Commission

NTP: (National Toxicology Program) National Toxicology Program

IARC: The International Agency for Reasearch on Cancer

OSHA: (Occupational Safety and Health Association)

EWC: (European Waste Catalog) European Union Waste Catalog

ADR: Transport of Dangerous Goods

RID: Transport of dangerous goods by rail

ADNR: Regulation on the Carriage of Dangerous Goods in Rivers

IMDG: Regulation on Training and Authorization within the scope of International code on dangerous cargoes transported by sea

ICAO: International Civil Aviation Organization

IATA: International Air Transport

### 16.3. Reference and Sources

- The key information sources used in the editing of this safety data sheet are as follows.
- Data Sheets for raw materials and product components
- Regulations and annexes on the preparation and distribution of safety data sheets for dangerous goods and preperations.
- Regulation on Preparation of Safety Data Sheets for Hazardous Substances and Mixtures (13.12.2014- Official Gazette No. 29204) and its annexes
- UN ADR, IMDG, IATA LISTS

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- ECHA and related EU directives, IUCLID (HSCB), HSDB (DANGEROUS DATA DATA BANK)

### 16.4. Method / procedure used for classification and classification of mixtures: In accordance with the Regulation on Classification, Labeling and Packing of Substances and Mixtures (Official Gazette: 11.12.2013, Article 28848)

Skin Irritation - Category 2-H315-Calculation method

Skin Sensitive - Category 1-H317-Calculation method

Eye Damage- Category 1- H318- Calculation method

### 16.5. Full text of H-Statements based on sections 2 and 3

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H225: Highly flammable liquid and vapour.

H351: Suspected of causing cancer.

H335: May cause respiratory irritation.

H302: Harmful if swallowed.

### 16.6. Other informations

This document has been issued by the person(s) certified in accordance with the regulations by making use of the safety data sheets provided by the manufacturer.

### Other informations

Use and application information is given in the technical leaflets of the products. The details are based on the information we have today and donot represent any assurance on product quality, nor can **CEMENT BASED TERRAZZO MOSAIC WITH MARBLE AGGREGATE** was prepared on behalf of **Jeffrey Court Inc.**