Safety Data Sheet

According to 1907/2006/EC (REACH) and 1272/2008/EC (CLP)

Printing Date: 12/1/2014 **Revision:** 12/1/2014

Trade Name: TEXTURE-PAVE™ Pre-Mixed Overlay

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: TEXTURE-PAVE™ Pre-Mixed Overlay

1.2 Article No.: TEXTURE-PAVE™

1.3 Details of the supplier of the Safety Data Sheet Manufacturer:

Elite Crete Systems
1061 Transport Drive
Valparaiso, IN 46383
Toll Free: 888.323.4445
Tel: (219) 465-7671
Fax: (219) 531-0898
www.elitecrete.com

1.4 Emergency telephone number:

CHEMTREC US DOMESTIC: (800-424-9300)
CHEMTREC INTERNATIONAL: (703-527-3887)

2 Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with CFR 1910 (OSHA HCS)

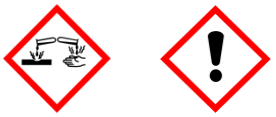
The product is not classified as hazardous according to EU parliament and councils directive 1999/45/EF.

2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008:

Contains: Portland Cement

Hazard pictograms:



GHS05 **GHS07**

Signal Word: Danger

Hazard Statements:

H315 Causes skin irritation.
H317 May cause allergic skin reaction.
H318 May cause respiratory irritation.

Precautionary Statements:

P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection
P261 Avoid breathing dust.
P302+352 IF ON SKIN: wash with plenty of soap and water.
P305 +351+338. IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, If present and easy to do so. Continue rinsing.
P402 +404 Store in a dry place. Store in a closed container.
P501 Dispose of contents/container in accordance with local regulations.

Supplementary precautionary Statements:

P271 Use only outdoors or in well-ventilated area.
P264 Wash contaminated skin thoroughly after handling.
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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P333+313 If skin irritation or rash OCCURS: get medical advice/Attention.
P361 Remove/take off immediately all contaminated clothing.
P362 Take off contaminated clothing before reuse.
P403+233 Store in well-ventilated place. Keep container tightly closed.
For NFPA ratings, see Section 15 on page 9.

2.3. Other hazards

The grain size distribution of silica sand means that it is not hazardous. However, any respirable Crystalline Silica dust generated by processing and handling of silica sand may cause health effects. (EH40 Long term Exposure limit for Silica. Respirable crystalline is 0.3mg.m3

3 Composition/information on ingredients

2.1 Classification of the substance or mixture\3.2 Mixture.

Description: Mixture of substances listed below with nonhazardous additives.

Hazardous components:

Identification #	Description	WT. %
CAS: 65997-15-1 EC No: 266-043-4 Index No::	**Portland cement** Classification (EC1272/2008) Skin Irrit. 2-H315 Eye Dam. 1-H318 Skin Sens. 1-H317 STOT SE 3-H335 Classification (67/548/EEC) Xi:R41,R37/38. R43.	27-39%
CAS: 14808-60-7 EC No: 238-878-4 Index: No:	**ALPHA QUARTZ** Classification (EC1272/2008) Not Classified Classification (67/548/EEC) Not Classified	44-60%
CAS: 1317-65-3	**Calcium Carbonate** Classification (EC1272/2008) Not Classified Classification (67/548/EEC) Not Cloassified	1-6%

Additional information: Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).Additional H statements see Sec 16.

4 First aid measures

4.1 Description of first aid measures

After inhalation:

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues. DO NOT INDUCE VOMITING.

After skin contact:

Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder contaminated clothing before re-use.

After eye contact:

If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention.

After swallowing:

If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents Give large amounts of water or milk to a CONSCIOUS PERSON. **Never give (milk or water) to someone who is unconscious**, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

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

Acute: This material may cause irritation to skin and eyes. Product may cause an allergic skin reaction**.**

Chronic: Prolonged or repeated skin contact may cause skin reaction product can be removed with water wash exposed skin thoroughly. Seek medical attention if symptoms arise. .

Target Organs: **Acute:** Eye, Skin **Chronic:** Skin

Hazards: Pre-existing skin or eye problems may be aggravated by exposure to this product.

4.3 Indication of any immediate medical attention and special treatment needed:
Treat symptoms and reduce over-exposure.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use fire-extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture: this product may form dust and can accumulate electrostatic charges, which may form electric discharges (ignition source). Use proper electrical grounding methods where airborne powder is removed mechanically.

Hazardous decomposition products: Fire creates; Toxic gasses/vapors/fumes of: Carbon monoxide (CO), carbon dioxide (CO2)

5.3 Advice for Firefighters:

Use standard Protective equipment for firefighters appropriate for surrounding materials.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Personnel should be trained for spill response operations.

6.2 Environmental precautions: All work practices must be aimed at eliminating environmental contamination.

6.3 Methods and material for containment and cleaning up: Evacuate area. Contain spill if safe to do so. Prevent entry into drains, sewers, and other waterways. Soak up spilled material with an absorbent material and pick up and place in an appropriate waste container for disposal. Do not mix with other wastes. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

7 Handling and storage

7.1 Precautions for safe handling

As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing dust/vapors generated by this product. **Use in a well-ventilated location or provide good ventilation before use**. Remove contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Provide good ventilation. and avoid contact with skin and eyes.. Good general housekeeping procedure should be followed. Do not eat drink or smoke while using the material. Emergency showers should be readily available... Avoid contact with skin eyes. Do not inhale dust wear appropriate breathing equipment. Contact with eyes or skin my be irritating.. Use only with good ventilation and PPE. Keep container closed when not in use.

7.3 Specific end use(s): use within the time period as recommended on the technical data sheet.

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8 Exposure controls/personal protection

Additional information about design of technical facilities:

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

Respiratory protection: Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

Protection of hands: Use chemical resistant gloves to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

Protective gloves

Material of gloves:

The selection of suitable gloves does not only depend on the material, but also on the quality, and varies from manufacturer to manufacture. .Nitrile gloves are a good choice for using this product.

Penetration time of glove material:

The exact break through time has to be determined by the manufacturer of the protective gloves. DO NOT exceed the breakthrough time set by the Manufacturer.

Eye protection: Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

Tightly sealed goggles

Body Protection:

Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

Exposure guidelines:

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:	
Form:	Powder
Color:	White
Odor:	N/A
Odor threshold:	N/A
pH-value:	7.0-7.6
Change in condition	N/A

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Melting point/Melting range: **Boiling point/Boiling range:**	N/A
Flash point:	N/A
Flammability (solid, gaseous):	No data available
Auto/Self-ignition temperature:	N/A
Decomposition temperature:	No data available
Self-igniting:	No data available
Danger of explosion:	N/A
Explosion limits **Lower + Upper:**	Not established
Vapor pressure at:	Not established

Density at 20°C: **Vapor pressure:** **Vapor density:** **Evaporation rate:**	No data available
Solubility in / Miscibility with Water:	Mixable
Specific Gravity 23 C: (Water = 1):	N/A
Viscosity:	
Dynamic:	No data available
Kinematic:	No data available
Solvent content:	
Organic solvents:	No data available
VOC (EC)	0.0 g/l
9.2 Other information	No data available

10 Stability and reactivity

10.1 Reactivity: No data available

10.2 Chemical stability: Product is stable under normal temperature conditions.

Thermal decomposition / conditions to be avoided: none known

10.3 Possibility of hazardous reactions: none known

10.4 Conditions to avoid: Avoid contact with strong oxidizers

10.5 Incompatible materials: Bases, Alkalies (inorganic), Acids, oxidizing polymers

10.6 Hazardous decomposition products: Fire or high temperatures create:; carbon monoxide; carbon dioxide

11 Toxicological information

11.1 Information on toxicological effects:

Inhalation

Irritating to respiratory system.

Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin Contact

Irritating to skin. May cause sensitization by skin contact.

Eye Contact

Risk of serious damage to eyes. Contact with concentrated chemical may rapidly cause severe eye damage, possible loss of sight.

Medical considerations: Skin disorder and allergies.

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12 Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability:

Degradability

12.3 Bio accumulative potential:

N/A.

12.4 Mobility in soil: No data available

not relevant ,due to form of product (powder)

12.5 Results of PBT and vPvB assessment

PBT.vPvB assessment not available, chemical assessment not required /not conducted

13 Disposal considerations

13.1 Waste treatment methods

Recommendations:

Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan. Recommended to contact local licensed professional waste disposal service.

RCRA WASTE CODE: None Listed

EU WASTE CODE: Not Listed

14 Transport information

14.1 UN-Number **IMDG:** **ADR, DOT, IATA, TGD**	NO UN NUMBER REQUIRED NON HAZARDOUS IN ALL RESPECTS NOT REGULATED,NOT DANGEROUS GOODS
14.2 UN proper shipping name **ADR, IMDG, IATA: DOT: TGD**	NOT REGULATED, NOT DANGEROUS GOODS
14.3 Transport hazard class(es) **DOT** **Class:** **Label:**	NONE
ADR, IMDG, IATA **Class:** **Label:**	NONE
IMDG **Class:** **Label:**	NONE
IATA **Class:** **Label:**	NONE

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14.4 Packing group **DOT, ADR, IMDG, IATA:**	NONE
14.5 Environmental hazards: **Marine pollutant:**	This products ingredients are not classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)
14.6 Special precautions for user **Danger code (Kemler):** **EMS Number:**	 No data available No data available
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	No data available
Transport/Additional information	
ADR **Tunnel restriction code**	 No data available
UN "Model Regulation":	No data available

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture. United States (USA)

SARA: This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.: None

Section 355 (extremely hazardous substances): None of the ingredients are listed.

Section 313 (Toxic Release Inventory): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): All ingredients are listed.

Proposition 65 (California):

Chemicals known to cause cancer:
None of the ingredients is listed.

Canada

Canadian Domestic Substances List (DSL):
All ingredients are listed

Canadian Ingredient Disclosure list (limit 0.1%):
None of the ingredients are listed.

Canadian Ingredient Disclosure list (limit 1%):
None of the ingredients are listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

HEALTH 2, FLAMMABILITY 0, REACTIVITY 0, PERSONAL PROTECTION E

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16 Other information

Relevant phrases:

Acute Tox. Acute Toxicity

Aquatic Acute. Acute aquatic toxicity

H302: Harmful if swallowed

H312: Harmful in contact with skin

H332: Harmful in contact with skin

H315: causes skin irritation

Precautionary Statements:

P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection
P261	Avoid breathing dust.
P302+352	IF ON SKIN: wash with plenty of soap and water.
P305 +351+338.	IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, If present and easy to do so. Continue rinsing.
P402 +404	Store in a dry place. Store in a closed container.
P501	Dispose of contents/container in accordance with local regulations.

Supplementary precautionary Statements:

P271	Use only outdoors or in well-ventilated area.
P264	Wash contaminated skin thoroughly after handling.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P333+313	If skin irritation or rash OCCURS: get medical advice/attention.
P361	Remove/take off immediately all contaminated clothing.
P362	Take off contaminated clothing before reuse.
P403+233	Store in well-ventilated place. Keep container tightly closed.

R21: Harmful in contact with skin

R34: Causes burns.

R43: May cause sensitization by skin contact

R52/53: Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation.
IATA: International Air Transport Association.
ACGIH: American Conference of Governmental Industrial Hygienists.
EINECS: European Inventory of Existing Commercial Chemical Substances.
ELINCS: European List of Notified Chemical Substances.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
NFPA: National Fire Protection Association (USA).
HMIS: Hazardous Materials Identification System (USA).
LC50: Lethal concentration, 50 percent.
LD50: Lethal dose, 50 percent.