



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

1.1. Product identifier

Product name: Kolorstone Classic

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: Construction

1.3. Details of the supplier of the safety data sheet

ASH GROVE PACKAGING GROUP
10809 Executive Center Drive, Ste. 321
Little Rock, AR 72211
Phone: (888) 289.1117
Fax: (501) 224.3882
www.ashgrovepkg.com

1.4. Emergency telephone number

Emergency number: (501) 224.3372 CHEMTREC: 1-800-424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin Irrit. 2. H315
Eye Dam. 1. H318
STOT RE 1. H372

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US):



Signal word (GHS-US): Danger

Hazard statements (GHS-US):
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H372 - Causes damage to lungs through prolonged or repeated exposure via inhalation.

Precautionary statements (GHS-US):
P260 - Do not breathe dust.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P285 - In case of inadequate ventilation wear respiratory protection.
P301+P312 - If swallowed, call a doctor if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%
Portland cement	(CAS No.) 65997-15-1	18-40%
Crystalline silica (quartz)	(CAS No.) 14808-60-7	35-80%

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Kolorstone Classic

Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Information pertains to product as received in original container

- First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.
- First-aid measures after skin contact : Wash contact area with plenty of water for at least 15 minutes. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse immediately with plenty of water for at least 15 minutes. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after ingestion : Rinse mouth. Call a POISON CENTER/doctor/physician if you feel unwell. Do NOT induce vomiting. Obtain emergency medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : No data available.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

- Firefighting instructions : Use extinguishing media appropriate for surrounding fire. Keep container cool by spraying with water. Exercise caution when fighting any chemical fire. Avoid releasing fire-fighting water into the environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including self-contained breathing apparatus apparatus operated in a positive pressure mode with full facepiece and impervious gear such as fire coat, pants, gloves and boots.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area if possible.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Collect dry material using a scoop. Avoid creation of airborne dust. Avoid inhalation of dust and contact with skin. Scrape up wet material and place in an appropriate container. Allow material to dry before disposal. Do not wash material down drains.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid skin and eye contact. Do not breathe dust. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of airborne dust. Keep containers sealed when not in use.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Keep product dry until used.
- Incompatible products : No data available.
- Incompatible materials : Hydrofluoric acid, fluorine, chlorine trifluoride, oxygen difluoride

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Component	ACGIH TLV (TWA)	OSHA PEL (TWA)
Portland cement (65997-15-1)	1 mg/m ³ respirable fraction	15 mg/m ³ total dust 5 mg/m ³ respirable fraction
Crystalline silica (quartz) (14808-60-7)	0.025 mg/m ³ respirable fraction	30 mg/m ³ / (%SiO ₂ + 2) total dust 10 mg/m ³ / (%SiO ₂ + 2) respirable fraction

Kolorstone Classic

Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Information pertains to product as received in original container

8.2. Exposure controls

Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Wear approved mask.
Other information	: When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Powder
Color	: White to tan
Odor	: Odorless
Odor threshold	: No data available
pH	: 11-13
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Density	: No data available
Solubility (in water)	: Insoluble
Log Kow	: No data available
Viscosity	: No data available
Explosive Limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Hydrofluoric acid, fluorine, chlorine trifluoride, oxygen difluoride

10.6. Hazardous decomposition products

Addition of water to portland cement produces caustic calcium hydroxide. Crystalline silica will dissolve in hydrofluoric acid and produce silicon tetrafluoride.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified.
Skin corrosion/irritation	: Causes skin irritation.

Portland cement (7681-49-4)

Prolonged dermal contact with wet cement (pH > 12) may cause severe second or third degree burns.

Serious eye damage/irritation	: Causes serious eye damage.
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Portland cement (7681-49-4)

Eye contact with wet cement (pH > 12) may result in caustic chemical burns, lesions, and possible blindness when exposed for a prolonged period.

Kolorstone Classic

Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Information pertains to product as received in original container

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Crystalline silica (quartz) (14808-60-7)	
IARC	Group 1 - Carcinogenic to Humans
ACGIH	Group A2 - Suspected Human Carcinogen
NTP	Known Human Carcinogen
OSHA Carcinogens	Present

Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeat exposure) : Causes damage to lungs through prolonged or repeated exposure via inhalation.

Crystalline silica (quartz) (14808-60-7)	
Silicosis, lung cancer, and pulmonary tuberculosis are associated with occupational exposure to quartz dust. Silicosis is the critical effect for hazard identification and risk assessment.	

Aspiration hazard : Not classified
Potential Adverse human health effects and symptoms : Wet material harmful to skin and eyes. Dust harmful if inhaled.
Symptoms/injuries after skin contact : Causes skin irritation and burns.
Symptoms/injuries after ingestion : Ingestion may cause mucosal burns of the mouth, esophagus, and stomach.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Not established

12.2. Persistence and degradability

Not established

12.3. Bioaccumulative potential

Not established

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local, state, and federal regulations. Uncontaminated material may be saved for future use.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Additional information

Other information : No supplementary information available.

Overland transport

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

Kolorstone Classic

Safety Data Sheet

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SECTION 15: Regulatory information

15.1. US Federal regulations

TSCA	: All ingredients are listed on the TSCA inventory.
EPCRA Section 302 Extremely Hazardous Substances	: None.
CERCLA Hazardous Substances	: None.
EPCRA Section 313 Toxic Chemicals	: None.

15.2. US State Regulations

Massachusetts	: Portland cement (65997-15-1) Crystalline silica (Quartz) (14808-60-7)
New Jersey	: Portland cement (65997-15-1) Crystalline silica (Quartz) (14808-60-7)
Pennsylvania	: Portland cement (65997-15-1) Crystalline silica (Quartz) (14808-60-7)
California Prop. 65	: Crystalline silica (Quartz) (14808-60-7)

SECTION 16: Other information

Indication of changes	: Revision – 02/18/2013 – New SDS Created: Version 1.0
Other information	: None.

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.