

Repair & Construction Related Products

Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Date of issue: 06/25/2014

Revision date: 03/24/2015

Version: 2.2

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

1.1. Product identifier

Product name	: 1-Kote Premix Stucco Coarse Grout Construction Anchors Core Fill Grout Fast Set Non-Shrink Grout Finish Stucco Coarse Finish Stucco Fine Gunite F Grey KolorStone Broom Coat Medium Bed Thin Set Mortar Grey Mine Bonding Cement Multipurpose Thin Set Mortar Grey PM KRT Mix	Polycon Sand Mix Pro Mix Masonry Type N Pro Mix Masonry Type N w/IWR Pro Mix Masonry Type S Pro Mix Masonry Type S w/IWR PRS Mortar Construction Anchors Rapid Set Cement All Rapid Set Concrete Mix Rapid Set Mortar Mix Stucco Concentrate Grey
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Construction and repair materials

1.3. Details of the supplier of the safety data sheet

Precision Packaging Inc. or Materials Packaging Corporation
10809 Executive Center Drive, Ste. 321
Little Rock, AR 72211
T 501-224-3882

1.4. Emergency telephone number

Emergency number : CHEMTREC 800-424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin Corrosion 1A
Serious Eye Damage 1
Skin Sensitization 1
Carcinogenicity 1A
Specific Target Organ Toxicity After Single Exposure 3
Specific Target Organ Toxicity After Repeated Exposure 1

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US)



Signal word (GHS-US)

Danger

Hazard statements (GHS-US)

Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause cancer. May cause respiratory irritation. Causes damage to lungs through prolonged or repeated exposure. Keep out of reach of children. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wear protective gloves and clothing as well as eye and face protection. Remove contaminated work clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Do not breathe dust.

Prevention statements (GHS-US)

Response statements (GHS-US)

If exposed or concerned: Get medical advice/attention. If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center/doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If concerned, call a poison center/doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. If concerned, call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Storage statements (GHS-US)

Store to prevent dust generation. Store to keep dry until use.

Disposal statements (GHS-US)

Dispose of contents and container in accordance with all local, state and federal regulations.

Supplemental Information

Read and Follow all precautions listed in the Safety Data Sheet available on request or at Ashgrovepkg.com. Additional information on the selection and use of respirators can be found in the [NIOSH Respirator Selection Logic](#) (DHHS [NIOSH] Publication No. 2005-100) and the [NIOSH Guide to Industrial Respiratory Protection](#) (DHHS [NIOSH] Publication No. 87-116) available at <http://www.cdc.gov/niosh/docs/87-116/>.

This product contains greater than 0.1% crystalline silica. Crystalline silica has been linked to

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cancer, silicosis, and other lung problems in conditions of prolonged airborne over-exposure.

Keep product dry until use. Avoid contact with bleed water from wet product. Clothing saturated with wet product can result in delayed, serious alkali skin burns.

2.3. Other hazards

No additional information available.

2.4. Unknown acute toxicity (GHS-US)

Coarse Grout Construction Anchors: 9 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Core Fill Grout: 14 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Pro Mix Masonry Type N, PRS Mortar Construction Anchors: 16 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Pro Mix Masonry Type S: 18 % of the mixture consists of ingredient(s) of unknown acute toxicity.

1-Kote Premix Stucco: 20 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Gunite F Grey, PM KRT Mix, Fast Set Non-Shrink Grout: 23 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Finish Stucco Coarse: 28 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Rapid Set Concrete Mix: 30 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Polycon Sand Mix: 31 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Rapid Set Mortar Mix, Finish Stucco Fine: 33 % of the mixture consists of ingredient(s) of unknown acute toxicity.

KolorStone Broom Coat: 34 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Multipurpose Thin Set Mortar Grey, Mine Bonding Cement: 36 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Medium Bed Thin Set Mortar Grey: 41 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Rapid Set Cement All: 47 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Stucco Concentrate Grey: 75 % of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Quartz	(CAS No) 14808-60-7	12.6 - 85.6	Carc. 1A STOT RE 1
Cement, portland, chemicals	(CAS No) 65997-15-1	6.6 - 68.4 ¹	Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 STOT SE 3
Calcium Sulfoaluminate Cement	(CAS No) 960375-09-1	24 - 47 ²	Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 STOT SE 3
Magnesium oxide (MgO)	(CAS No) 1309-48-4	0.5 - 10.1 ¹	Not classified.
Limestone	(CAS No) 1317-65-3	0.4 - 8.75 ¹	Not classified.
Calcium hydroxide	(CAS No) 1305-62-0	1.1 - 7.6 ³	Skin Irrit. 2 Eye Dam. 1 STOT SE 3
Ashes, residues	(CAS No) 68131-74-8	2.9 - 7 ⁴	Not classified.
Gypsum (Ca(SO ₄).2H ₂ O)	(CAS No) 13397-24-5	0.6 - 5.8 ¹	Not classified.
Calcium oxide	(CAS No) 1305-78-8	0.2 - 2.5 ¹	Skin Corr. 1C
Silica, vitreous	(CAS No) 60676-86-0	0.2 - 2.5 ³	Not classified.
Lignosulfonic acid, calcium salt	(CAS No) 8061-52-7	< 2.5 ³	Not classified.
Flue dust, portland cement	(CAS No) 68475-76-3	0.2 - 1.9 ⁵	Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 STOT SE 3
Calcium formate	(CAS No) 544-17-2	1.6 ⁶	Eye Irrit. 2A
Glass, oxide, chemicals	(CAS No) 65997-17-3	≤ 1.1 ⁷	Carc. 2
Iron oxide (Fe ₂ O ₃)	(CAS No) 1309-37-1	≤ 1 ⁸	Not classified.
Vinyl acetate	(CAS No) 108-05-4	< 0.2 ⁹	Flam. Liq. 2 Acute Tox. 4 (Inhalation) Carc. 2 STOT SE 3

¹ 1-Kote Premix Stucco, Coarse Grout Construction Anchors, Core Fill Grout, Fast Set Non-Shrink Grout, Finish Stucco Coarse, Finish Stucco Fine, Gunite F Grey, KolorStone Broom Coat, Medium Bed Thin Set Mortar Grey, Mine Bonding Cement, Multipurpose Thin Set Mortar Grey, PM KRT Mix, Polycon Sand Mix, Pro Mix Masonry Type N, Pro Mix Masonry Type S, PRS Mortar Construction Anchors, Stucco Concentrate Grey

² Fast Set Non-Shrink Grout, Rapid Set Cement All, Rapid Set Concrete Mix, Rapid Set Mortar Mix

³ 1-Kote Premix Stucco, Finish Stucco Coarse, Finish Stucco Fine, PRS Mortar Construction Anchors, Stucco Concentrate Grey

⁴ 1-Kote Premix Stucco, Coarse Grout Construction Anchors, Core Fill Grout, Mine Bonding Cement

⁵ 1-Kote Premix Stucco, Coarse Grout Construction Anchors, Core Fill Grout, Fast Set Non-Shrink Grout, Finish Stucco Coarse, Finish Stucco Fine, Gunite F Grey, KolorStone Broom Coat, Medium Bed Thin Set Mortar Grey, Mine Bonding Cement, Multipurpose Thin Set Mortar Grey, PM KRT Mix, Polycon Sand Mix, PRS Mortar Construction Anchors, Stucco Concentrate Grey

⁶ Stucco Concentrate Grey

⁷ 1-Kote Premix Stucco, Gunite F Grey, Mine Bonding Cement, Stucco Concentrate Grey

⁸ Finish Stucco Coarse, Finish Stucco Fine, KolorStone Broom Coat, Pro Mix Masonry Type N, Pro Mix Masonry Type S

⁹ Medium Bed Thin Set Mortar Grey, Multipurpose Thin Set Mortar Grey, PM KRT Mix

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get immediate medical advice/attention.
First-aid measures after skin contact	: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Get immediate medical advice/attention.
First-aid measures after eye contact	: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get immediate medical advice and attention.
First-aid measures after ingestion	: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

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

Symptoms/injuries after inhalation	: May cause respiratory tract irritation.
Symptoms/injuries after skin contact	: Causes severe skin burns. Symptoms may include redness, pain, blisters. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. May cause sensitisation by skin contact.
Symptoms/injuries after eye contact	: Causes serious eye damage. May cause burns. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/injuries after ingestion	: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Treat for surrounding material.
Unsuitable extinguishing media	: None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Product does not burn; however its packaging may. Products of combustion may include, and are not limited to: oxides of carbon.
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5.3. Advice for firefighters

Firefighting instructions	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid contact with skin and eyes.
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6.2. Methods and material for containment and cleaning up

For containment	: Contain spill, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
Methods for cleaning up	: Vacuum or sweep material and place in a disposal container. Provide ventilation.

6.3. Reference to other sections

No additional information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Avoid contact with skin and eyes. Avoid generating and breathing dust. Do not swallow. Good housekeeping is important to prevent accumulation of dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. Handle and open container with care. When using do not eat, drink or smoke.
Hygiene measures	: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep out of the reach of children. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area. Store to keep product dry until use. Store to prevent dust generation. Do not store in an area equipped with emergency water sprinklers. Clean up spilled material promptly.
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7.3. Specific end use(s)

No additional information available.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Quartz (14808-60-7)		
USA ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³ (respirable fraction)
USA OSHA	OSHA PEL (TWA) (mg/m ³)	(30)/(%SiO ₂ + 2) mg/m ³ (total dust) ; (250)/(%SiO ₂ + 5) mppcf (respirable fraction) ; (10)/(%SiO ₂ + 2) mg/m ³ (respirable fraction)
Cement, portland, chemicals (65997-15-1)		
USA ACGIH	ACGIH TWA (mg/m ³)	1 mg/m ³ (respirable fraction)
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) ; 5 mg/m ³ (respirable fraction)
Calcium Sulfoaluminate Cement (960375-09-1)		
USA ACGIH	ACGIH TWA (mg/m ³)	1 mg/m ³ (no asbestos and <1% crystalline silica, respirable fraction)
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) ; 5 mg/m ³ (respirable fraction)
Magnesium oxide (MgO) (1309-48-4)		
USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ (inhalable fraction)
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (fume, total particulate)
Limestone (1317-65-3)		
USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ (total dust) ;
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) ; 5 mg/m ³ (respirable fraction)
Calcium hydroxide (1305-62-0)		
USA ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) ; 5 mg/m ³ (respirable fraction)
Ashes, residues (68131-74-8)		
USA ACGIH	ACGIH TLV (mg/m ³)	10 mg/m ³ (as inhalable fraction, PNOS) 3 mg/m ³ (as respirable fraction, PNOS)
USA OSHA	OSHA PEL (mg/m ³)	15 mg/m ³ (as total dust, PNOR) 5 mg/m ³ (as respirable fraction, PNOR)
Gypsum (Ca(SO₄).2H₂O) (13397-24-5)		
USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ (inhalable fraction)
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) ; 5 mg/m ³ (respirable fraction)
Calcium oxide (1305-78-8)		
USA ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³
Silica, vitreous (60676-86-0)		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	(80)/(% SiO ₂) mg/m ³ ; 20 mppcf
Lignosulfonic acid, calcium salt (8061-52-7)		
ACGIH	Not applicable	
OSHA	Not applicable	
Flue dust, portland cement (68475-76-3)		
USA ACGIH	ACGIH TLV (mg/m ³)	10 mg/m ³ (as inhalable fraction, PNOS) ; 3 mg/m ³ (as respirable fraction, PNOS)
USA OSHA	OSHA PEL (mg/m ³)	15 mg/m ³ (as total dust, PNOR) ; 5 mg/m ³ (as respirable fraction, PNOR)
Calcium formate (544-17-2)		
ACGIH	Not applicable	

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Calcium formate (544-17-2)		
OSHA	Not applicable	

Glass, oxide, chemicals (65997-17-3)		
ACGIH	Not applicable	
OSHA	Not applicable	

Iron oxide (Fe2O3) (1309-37-1)		
ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³ (respirable fraction)
OSHA	OSHA PEL (TWA) (mg/m ³)	10 mg/m ³ (fume) ; 15 mg/m ³ (total dust) ; 5 mg/m ³ (respirable fraction)

Vinyl acetate (108-05-4)		
ACGIH	ACGIH TWA (ppm)	10 ppm
ACGIH	ACGIH STEL (ppm)	15 ppm
OSHA	Not applicable	

8.2. Exposure controls

Appropriate engineering controls	:	Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
Hand protection	:	Wear suitable gloves.
Eye protection	:	Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).
Skin and body protection	:	Wear suitable clothing common to do-it-yourself projects.
Respiratory protection	:	A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).
Environmental exposure controls	:	Maintain levels below Community environmental protection thresholds.
Other information	:	Handle according to established industrial hygiene and safety practices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Solid.
Appearance	:	Sandy Powder to Granular Material.
Colour	:	Various.
Odour	:	No odour.
Odour threshold	:	No data available.
pH	:	10 - 12 (Highly alkaline when wet.)
Relative evaporation rate (butylacetate=1)	:	No data available.
Melting point	:	No data available.
Freezing point	:	No data available.
Boiling point	:	Not applicable
Flash point	:	Not applicable
Self ignition temperature	:	No data available.
Decomposition temperature	:	No data available.
Flammability (solid, gas)	:	Not flammable.
Vapour pressure	:	No data available.
Relative vapour density at 20 °C	:	No data available.
Relative density	:	0.9 - 3.2
Solubility	:	No data available.
Log Pow	:	No data available.
Log Kow	:	No data available.
Viscosity, kinematic	:	Not applicable.
Viscosity, dynamic	:	Not applicable.
Explosive properties	:	No data available.
Oxidising properties	:	No data available.
Explosive limits	:	No data available.

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9.2. Other information

VOC content : No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use. An alkali reaction from components of portland cement will corrode aluminum.

10.2. Chemical stability

Stable under normal storage conditions. Keep dry in storage.

10.3. Possibility of hazardous reactions

Strong acids may cause violent, exothermic reaction, evolve toxic gases. Do not mix with other chemicals.

10.4. Conditions to avoid

Moisture – product must be kept dry until ready to use.

10.5. Incompatible materials

Strong acids may cause violent, exothermic reaction, evolve toxic gases.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified.

Repair & Construction Related Products	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	> 5 mg/l/4h
Magnesium oxide (MgO) (1309-48-4)	
LD50 oral rat	>5000 mg/kg
Limestone (1317-65-3)	
LD50 oral rat	6450 mg/kg
Calcium hydroxide (1305-62-0)	
LD50 oral rat	7340 mg/kg
Ashes, residues (68131-74-8)	
LD50 oral rat	> 2000 mg/kg
Calcium oxide (1305-78-8)	
LD50 oral rat	> 2000 mg/kg
Flue dust, portland cement (68475-76-3)	
LD50 oral rat	>1848 mg/kg, rat
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	>6.04 mg/m ³ /4h
Calcium formate (544-17-2)	
LD50 oral rat	2650 mg/kg
Iron oxide (Fe ₂ O ₃) (1309-37-1)	
LD50 oral rat	> 10000 mg/kg
Vinyl acetate (108-05-4)	
LD50 oral rat	2900 mg/kg
LD50 dermal rabbit	2335 mg/kg
LC50 inhalation rat	11400 mg/m ³ /4h
Skin corrosion/irritation	: Causes severe skin burns.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: May cause cancer.
Quartz (14808-60-7)	
IARC group	1 - Carcinogenic to humans

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Quartz (14808-60-7)	
National Toxicity Program (NTP) Status	2 - Known Human Carcinogens
Silica, vitreous (60676-86-0)	
IARC group	3 - Not classifiable
Glass, oxide, chemicals (65997-17-3)	
IARC group	3 - Not classifiable
National Toxicity Program (NTP) Status	2 - Known Human Carcinogens
Iron oxide (Fe ₂ O ₃) (1309-37-1)	
IARC group	3 - Not classifiable
Vinyl acetate (108-05-4)	
IARC group	2B - Possibly carcinogenic to humans

Reproductive toxicity	: Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Causes damage to lungs through prolonged or repeated exposure. (Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.)
Aspiration hazard	: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	: May cause respiratory tract irritation.
Symptoms/injuries after skin contact	: Causes severe skin burns. Symptoms may include redness, pain, blisters. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. May cause sensitisation by skin contact.
Symptoms/injuries after eye contact	: Causes serious eye damage. May cause burns. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/injuries after ingestion	: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: No ecological consideration when used according to directions. Do not flush to sewer or allow to enter waterways.
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12.2. Persistence and degradability

Repair & Construction Related Products	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

Repair & Construction Related Products	
Bioaccumulative potential	No data available.

12.4. Mobility in soil

Repair & Construction Related Products	
Ecology - soil	No data available.

12.5. Other adverse effects

Other adverse effects	: No data available.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	: This material must be disposed of in accordance with all local, state, provincial, and federal regulations.
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SECTION 14: Transport information

In accordance with DOT
Not regulated for transport.

Additional information

Other information	: No supplementary information available.
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SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

Calcium Sulfoaluminate Cement	CAS No 960375-09-1
Gypsum (Ca(SO ₄).2H ₂ O)	CAS No 13397-24-5

Vinyl acetate (108-05-4)

Listed on the United States SARA Section 302
Listed on United States SARA Section 313

SARA Section 302 Threshold Planning Quantity (TPQ)	1000
SARA Section 313 - Emission Reporting	0.1 %

15.3. US State regulations

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State or local regulations	This product contains Crystalline Silica, Quartz and may also contain trace amounts of other chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
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SECTION 16: Other information

Date of issue	:	06/25/2014
Revision date	:	03/24/2015
Version	:	2.2

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

Primers, Bonders, Sealers, and Paints 1

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according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

Date of issue: 05/06/2015

Revision date: 05/06/2015

Version: 1.0

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

1.1. Product identifier

Product name : Acrylic Admix
Bonding & Fortifier Admix
Concrete Adhesive
Kolorstone Kolorflex
Kolorstone Primer
Primer Admix

Product code : Not available

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

Use of the substance/mixture : Primers, Bonders, Sealers, and Paint

1.3. Details of the supplier of the safety data sheet

Ash Grove Packaging
10809 Executive Center, Suite 321
Little Rock, AR 72211 - USA
T 501-224-3882

1.4. Emergency telephone number

Emergency number : CHEMTREC (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified.

2.2. Label elements

GHS-US labelling

No labelling applicable.

2.3. Other hazards

No additional information available.

2.4. Unknown acute toxicity (GHS US)

Acrylic Admix; Kolorstone Kolorflex: 24 percent of the mixture consists of ingredient(s) of unknown acute toxicity.
Bonding & Fortifier Admix; Kolorstone Primer: 28 percent of the mixture consists of ingredient(s) of unknown acute toxicity.
Primer Admix: 56 percent of the mixture consists of ingredient(s) of unknown acute toxicity.
Concrete Adhesive: 57 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable.

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Acetaldehyde	(CAS No) 75-07-0	< 0.1	Flam. Liq. 1 Eye Irrit. 2A Carc. 2 STOT SE 3

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.

First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

First-aid measures after ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

- Symptoms/injuries after inhalation : May cause respiratory tract irritation.
- Symptoms/injuries after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
- Symptoms/injuries after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Treat for surrounding material.
- Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Product does not burn; however its packaging may. Products of combustion may include, and are not limited to: oxides of carbon.

5.3. Advice for firefighters

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2. Methods and material for containment and cleaning up

- For containment : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for cleaning up : Scoop up material and place in a disposal container.

6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing vapour or mist. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.
- Hygiene measures : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep out of the reach of children. Keep container tightly closed. Clean up spilled material promptly.

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Acetaldehyde (75-07-0)		
ACGIH	ACGIH Ceiling (ppm)	25 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	360 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	200 ppm

8.2. Exposure controls

- Appropriate engineering controls : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
- Hand protection : Wear suitable gloves.
- Eye protection : Safety glasses or goggles are recommended when using product.
- Skin and body protection : Wear suitable clothing common to do-it-yourself projects.

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Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	: Maintain levels below Community environmental protection thresholds.
Other information	: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Paste/Resin
Colour	: Varies
Odour	: Varies
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Not flammable
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Relative vapour density at 20 °C	: No data available
Solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable under normal storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified.

Primers, Bonders, Sealers, and Paints 1	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	No data available

Skin corrosion/irritation : Based on available data, the classification criteria are not met.
Serious eye damage/irritation : Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation : Based on available data, the classification criteria are not met.
Germ cell mutagenicity : Based on available data, the classification criteria are not met.
Carcinogenicity : Based on available data, the classification criteria are not met.

Acetaldehyde (75-07-0)	
IARC group	1 - Carcinogenic to humans (alcoholic beverages), 2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

Reproductive toxicity : Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure) : Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure) : Based on available data, the classification criteria are not met.
Aspiration hazard : Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation : May cause respiratory tract irritation.
Symptoms/injuries after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

Primers, Bonders, Sealers, and Paints 1	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Primers, Bonders, Sealers, and Paints 1	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT
Not regulated for transport.

Additional information

Other information : No supplementary information available.

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Special transport precautions : Do not handle until all safety precautions have been read and understood.

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

Trisodium citrate dihydrate	CAS No 6132-04-3
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Acetaldehyde (75-07-0)

Listed on United States SARA Section 313

EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.
SARA Section 313 - Emission Reporting	0.1 %

15.2. US State regulations

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State or local regulations	This product contains a chemical known to the State of California to cause cancer.
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SECTION 16: Other information

Date of issue : 05/06/2015
Other information : None.

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