

Cement Color; Color-Paks; Kolor Enhancer

Safety Data Sheet

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

Date of issue: 03/25/2015

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

1.1. Product identifier

Product name : Cement Color
Color-Paks
Kolor Enhancer

Product code : Not available

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

Use of the substance/mixture : Mortar mixes for construction use.

1.3. Details of the supplier of the safety data sheet

Precision Packaging Inc. or Materials Packaging Corporation
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

Carcinogenicity 1A

Specific Target Organ Toxicity After Repeated Exposure 1

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : May cause cancer. Causes damage to lungs through prolonged or repeated exposure.

Prevention statements (GHS-US) : Do not handle until all safety precautions have been read and understood. Wear protective gloves and clothing as well as eye and face protection. Do not breathe dusts. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Response statements (GHS-US) : If exposed or concerned: Get medical advice/attention.

Storage statements (GHS-US) : Store to prevent dust generation.

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

2.3. Other hazards

No additional information available.

2.4. Unknown acute toxicity (GHS-US)

Kolor Enhancer: 53 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable.

Cement Color; Color-Paks; Kolor Enhancer

Safety Data Sheet

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

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Iron oxide (Fe ₂ O ₃)	(CAS No) 1309-37-1	0 - 90	Not classified.
Quartz	(CAS No) 14808-60-7	0 - 75	Carc. 1A STOT RE 1
Limestone	(CAS No) 1317-65-3	70 ¹	Not classified.
Asbestos, chrysotile	(CAS No) 12001-29-5	30 ¹	Carc. 1A STOT RE 1
Aluminum oxide	(CAS No) 1344-28-1	4 - 11 ¹	Not classified.
Mica	(CAS No) 12001-26-2	10 ¹	Not classified.
Calcium oxide	(CAS No) 1305-78-8	2 - 8 ¹	Skin Corr. 1C
Magnesium oxide (MgO)	(CAS No) 1309-48-4	2 - 5 ¹	Not classified.
Feldspar	(CAS No) 68476-25-5	5 ¹	Eye Irrit. 2A STOT SE 3
Actinolite	(CAS No) 13768-00-8	0 - 2 ¹	Carc. 1A STOT RE 1
Asbestos	(CAS No) 1332-21-4	< 0.1 ¹	Carc. 1A STOT RE 1

¹ Only found in Kolor Enhancer

Note: Broad ranges are necessary to encompass the different ingredient compositions for all Cement Color, Color-Paks and Kolor Enhancer. The total for any given product will never exceed 100%.

Individual composition of the hazardous constituents of Basalt varies naturally.

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.

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 spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Cement Color; Color-Paks; Kolor Enhancer

Safety Data Sheet

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

Methods for cleaning up : Vacuum or sweep material and place in a disposal container. Provide ventilation.

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. Do not breathe 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. 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. Do not store in an area equipped with emergency water sprinklers. Clean up spilled material promptly.

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Iron oxide (Fe ₂ O ₃) (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)
Quartz (14808-60-7)		
ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³ (respirable fraction)
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)
Limestone (1317-65-3)		
ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ (total dust)
OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
Asbestos, chrysotile (12001-29-5)		
ACGIH	Not applicable	
OSHA	OSHA PEL (TWA) (mg/m ³)	0.1 fibers/cm ³
Aluminum oxide (1344-28-1)		
ACGIH	Not applicable	
OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
Mica (12001-26-2)		
ACGIH	ACGIH TWA (mg/m ³)	3 mg/m ³ (respirable fraction)
OSHA	OSHA PEL (TWA) (mppcf)	20 mppcf TWA (<1% Crystalline silica)
Calcium oxide (1305-78-8)		
ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³
OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³
Magnesium oxide (MgO) (1309-48-4)		
ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ (inhalable fraction)
OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (fume, total particulate)

Cement Color; Color-Paks; Kolor Enhancer

Safety Data Sheet

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

Feldspar (68476-25-5)

ACGIH	Not applicable
OSHA	Not applicable

Actinolite (13768-00-8)

ACGIH	Not applicable
OSHA	Not applicable

Asbestos (1332-21-4)

ACGIH	ACGIH TWA (mg/m ³)	0.1 fibers/cm ³ (respirable fibers)
OSHA	OSHA PEL (TWA) (mg/m ³)	0.1 fibers/cm ³

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.
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	: 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	: Solid
Appearance	: Granular
Colour	: Varies
Odour	: No data available
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

Cement Color; Color-Paks; Kolor Enhancer

Safety Data Sheet

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

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

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

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified.

Cement Color; Color-Paks; Kolor Enhancer	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	No data available.
LC50 inhalation rat	No data available.
Iron oxide (Fe2O3) (1309-37-1)	
LD50 oral rat	> 10000 mg/kg
Limestone (1317-65-3)	
LD50 oral rat	6450 mg/kg
Aluminum oxide (1344-28-1)	
LD50 oral rat	> 5000 mg/kg
Calcium oxide (1305-78-8)	
LD50 oral rat	> 2000 mg/kg
Magnesium oxide (MgO) (1309-48-4)	
LD50 oral rat	> 5000 mg/kg

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 : May cause cancer.

Iron oxide (Fe2O3) (1309-37-1)	
IARC group	3 - Not classifiable
Quartz (14808-60-7)	
IARC group	1 - Carcinogenic to humans
National Toxicology Program (NTP) Status	2 - Known Human Carcinogens
Asbestos, chrysotile (12001-29-5)	
IARC group	1 - Carcinogenic to humans
National Toxicology Program (NTP) Status	1 - Evidence of Carcinogenicity, 2 - Known Human Carcinogens
In OSHA Specifically Regulated Carcinogen list	Yes
Actinolite (13768-00-8)	
IARC group	1 - Carcinogenic to humans

Cement Color; Color-Paks; Kolor Enhancer

Safety Data Sheet

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

Asbestos (1332-21-4)	
IARC group	1 - Carcinogenic to humans
National Toxicology Program (NTP) Status	2 - Known Human Carcinogens
In OSHA Specifically Regulated Carcinogen list	Yes

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)	: 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	: 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	: Not considered to be harmful to aquatic life.
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12.2. Persistence and degradability

Cement Color; Color-Paks; Kolor Enhancer	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Cement Color; Color-Paks; Kolor Enhancer	
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.
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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.
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:

Asbestos, chrysotile	CAS No 12001-29-5
Actinolite	CAS No 13768-00-8
Mica	CAS No 12001-26-2

Cement Color; Color-Paks; Kolor Enhancer

Safety Data Sheet

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

Asbestos, chrysotile (12001-29-5)	
EPA TSCA Regulatory Flag	R - R - indicates a substance that is the subject of a Section 6 risk management rule under TSCA.
Aluminum oxide (1344-28-1)	
Subject to reporting requirements of United States SARA Section 313	
SARA Section 313 - Emission Reporting	1.0 % (fibrous forms)
Asbestos (1332-21-4)	
Subject to reporting requirements of United States SARA Section 313	
EPA TSCA Regulatory Flag	R - R - indicates a substance that is the subject of a Section 6 risk management rule under TSCA.
SARA Section 313 - Emission Reporting	0.1 % (friable)

15.2. US State regulations

Cement Color; Color-Paks; Kolor Enhancer	
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.

SECTION 16: Other information

Date of issue	: 03/25/2015
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Other information	: None.

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