

# SAFETY DATA SHEET

Issuing Date 09-Nov-2015

Revision Date 01-July-2016

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## 1. IDENTIFICATION

**Product Identifier:** S-8420 Granitex Color Chips

**Synonyms / Additional Identification:**  
**Product Numbers (beginning with)** BX ---; B ---; C ---; BS ---; BW ---; BH ---

**Recommended use and restriction on use:**  
**Recommended use:** Not determined.  
**Restrictions on use:** Not determined.

**Details of the supplier of the safety data sheet**

**Supplier Name** Arizona Polymer Flooring, Inc.

**Supplier Address** 4565 W. WATKINS ST.  
PHOENIX, AZ 85043  
US

**Supplier Phone Number** Phone:623-435-2277

**Supplier Website** www.super-krete.com

**Emergency telephone number**

**Company Emergency Phone Number** 800-424-9300

## 2. HAZARD(S) IDENTIFICATION

**Hazard Classification:**

**OSHA Regulatory Status -**

**This product is produced with chemicals** that are considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

<b>Acute toxicity – Oral</b>	Category 4 ( <b>H302</b> )
<b>Acute toxicity – Inhalation (Dusts / Mists)</b>	Category 4 ( <b>H332</b> )
<b>Carcinogenicity</b>	Category 2B ( <b>H350</b> )

**Label Elements:**

**Emergency Overview / Hazard Statements**

H302 – Harmful if swallowed

H332 – Harmful if inhaled



**Precautionary Statements**

P264 – Wash face, hands and any exposed skin thoroughly after handling

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P270 – Do not eat, drink, or smoke when using this product  
 P301 & P312 – If SWALLOWED: Call POISON CENTER or doctor/physician if you feel unwell  
 P330 – Rinse mouth  
 P261 – Avoid breathing dust  
 P304 & P340 – If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 P312 – Call a POISON CENTER or doctor/physician if you feel unwell  
 P202 – Do not handle until all safety precautions have been read and understood  
 P281 – Use personal protective equipment as required

**Disposal:**

Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations. To clarify, this product contains barium sulfate, not barium. Barium sulfate is not a listed hazardous waste as defined by RCRA. EPA notes that barium is one of the contaminants tested for in the Toxicity Characteristics (TC) of 40 CFR 261.24. However, due to its limited water solubility, barium sulfate is not expected to produce an extractable concentration of barium that exceeds the maximum allowable concentration of soluble barium (100 mg/L) using the Toxicity Characteristic Leaching Procedure (TCLP) as described in 40 CFR 261.24. Thus, land disposal of barium sulfate is not regulated under RCRA subtitle C.

**Other hazards which do not result in GHS classification:**

None identified.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Mixture:**

Chemical Name	CAS #	Percent by Weight
Vinyl Acetate Polymer	9003-20-7	12 – 22%*
Barium Sulfate	7727-43-7	65 – 85%*
Titanium Dioxide	13463-67-7	1 – 10%*
Carbon Black	133-86-4	0 - 0.5%*

\* The exact percentage (concentration of composition has been withheld as a trade secret

**4. FIRST AID MEASURES**

**Ingestion:** Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.  
**Inhalation:** Remove exposed person to fresh air if adverse effects are observed.  
**Skin Contact:** Remove contaminated clothing. Brush off loose particles from skin. Wash skin with soap and water. Wash contaminated clothing before reuse.  
**Eye Contact:** Flush thoroughly with water. If irritation occurs, get medical assistance. Remove contact lenses, if present and easy to do. Continue rinsing.

**5. FIRE-FIGHTING MEASURES**

**General Fire Hazards:** No unusual fire or explosion hazards noted.

**Suitable (and unsuitable) Extinguishing Media:**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Suitable Extinguishing Media:**

CO<sub>2</sub>, dry chemical, foam, water spray, water fog.

**Unsuitable Extinguishing**

**Media:** Not determined.

**Specific hazards arising from the chemical:**

No information available.

**Special protective equipment and precautions for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:****Personal precautions**

Ensure adequate ventilation, especially in confined areas. Avoid creating dust.

**For emergency responders**

Use personal protective equipment as required. See section 8 for more information.

**Environmental Precautions:**

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

**Methods and materials for containment and cleaning up:****Methods for containment**

Prevent further spillage if safe to do so. Prevent dust cloud.

**Methods for cleaning up**

Use personal protective equipment as required. Avoid creating dust. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:**

Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Do not eat, drink or smoke when using this product. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid generation of dust. Avoid breathing dust. Keep containers closed when not in use. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities:****Storage Conditions**

Keep container closed in a dry and well-ventilated place. Keep out of the reach of children.

**Incompatible Materials**

Strong acids.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters:**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Barium Sulfate 7727-43-7	TWA: 5 mg/m <sup>3</sup> inhalable fraction, particulate matter containing no asbestos and <1% crystalline silica	TWA: 15 mg/m <sup>3</sup> total dust	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Titanium Dioxide 13463-67-7	10 mg/m <sup>3</sup> as dust	10 mg/m <sup>3</sup> total dust 5 mg/m <sup>3</sup> respirable fraction	
Carbon Black 1333-86-4	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	

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**Appropriate engineering controls:**

Showers  
 Eyewash stations  
 Ventilation systems

**Individual protections measures, such as personal protective equipment:****Eye/face protection**

Tight sealing safety goggles

**Skin and body protection**

Wear protective gloves and protective clothing

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminated concentrations. Respiratory protection must be provided in accordance with current local regulations.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance:**

<b>Physical state</b>	Solid
<b>Form</b>	Solid
<b>Color</b>	Pigmented as appropriate to achieve desired color
<b>Odor</b>	Sweet
<b>Odor threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point/freezing point</b>	No data available
<b>Boiling point / boiling range</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Flammability Limit in Air</b>	
<b>Upper flammability limit</b>	No data available
<b>Lower flammability limit</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Specific gravity</b>	2.75
<b>Water solubility</b>	No data available
<b>Solubility in other solvents</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Kinematic viscosity</b>	No data available
<b>Dynamic viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available
<b>Other Information:</b>	
<b>Bulk density</b>	22.89 lb./gal.
<b>VOC</b>	0%

**10. STABILITY AND REACTIVITY****Reactivity:**

No data available.

**Chemical stability:**

Stable under recommended storage conditions.

**Possibility of hazardous Reactions:**

Hazardous polymerization does not occur.

**Conditions to avoid:**

Incompatible materials. Dust formation. Strong oxidizers.

**Incompatible materials:**

Strong acids.

**Hazardous decomposition products:**

Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion. Irritating and toxic substances may be emitted upon combustion or burning.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure:**

- Inhalation:** No data available.
- Ingestion:** Harmful if swallowed.
- Skin Contact:** Causes mild skin irritation.
- Eye Contact:** No data available.

**Information on toxicological effects:**

**Acute Toxicity**

**Oral**

Product: May cause irritation of the gastrointestinal tract.  
ATEmix 300 – 2000 mg/kg.

**Dermal**

Product: Not classified for acute toxicity based on available data.

**Inhalation**

Product: Not classified for acute toxicity based on available data.

**Skin Corrosion/Irritation**

Product: May cause mild skin irritation.

**Serious Eye Damage/Eye Irritation**

Product: Not classified as a primary eye irritant.

**Respiratory Sensitization**

Product: No data available.

**Specific Target Organ Toxicity -Single Exposure**

Vinyl acetate polymer: May cause irritation to the mucous membranes and upper respiratory tract.

**Aspiration Hazard:**

Product: No data available  
Not classified for acute toxicity based on available data.

**Chronic Effects:**

**Carcinogenicity**

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."  
Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

**Toxicology Data:**

Chemical Name			
Barium Sulfate	LC50	4HR	Not Available
7727-43-7	RAT	4HR	Not Available
Titanium Dioxide	LC50	4HR	Not Available
13463-67-7	RAT	4HR	Not Available

Carbon Black	LC50	4HR	Not Available
1333-86-4	RAT	4HR	Not Available

**12. EXOLOGICAL INFORMATION****Ecotoxicity:**

<b>Fish</b>	No data available.
<b>Aquatic Invertebrates</b>	No data available.
<b>Toxicity to Aquatic Plants</b>	No data available.
<b>Toxicity to soil dwelling organisms</b>	No data available.
<b>Sediment Toxicity</b>	No data available.
<b>Toxicity to Terrestrial Plants</b>	No data available.
<b>Toxicity to Above-Ground Organisms</b>	No data available.
<b>Toxicity to microorganisms</b>	No data available.

**Persistence and Degradability:**

<b>Biodegradation</b>	No data available.
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**Bio-accumulative Potential:**

<b>Bio-concentration Factor (BCF)</b>	No data available.
<b>Partition Coefficient n-octanol / water</b>	No data available.

**Mobility:**

No data available.

**Other Adverse Effects:**

No data available.

**13. DISPOSAL CONSIDERATIONS****Disposal instructions:**

Disposal should be in accordance with applicable regional, national and local laws and regulations. To clarify, this product contains barium sulfate, not barium. Barium sulfate is not a listed hazardous waste as defined by RCRA. EPA notes that barium is one of the contaminants tested for in the Toxicity Characteristics (TC) of 40 CFR 261.24. However, due to its limited water solubility, barium sulfate is not expected to produce an extractable concentration of barium that exceeds the maximum allowable concentration of soluble barium (100 mg/L) using the Toxicity Characteristic Leaching Procedure (TCLP) as described in 40 CFR 261.24. Thus, land disposal of barium sulfate is not regulated under RCRA subtitle C.

**Contaminated packaging:**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. Transport Information**

<b>DOT</b>	Not regulated.
<b>TDG</b>	Not regulated.
<b>MEX</b>	Not regulated.
<b>ICAO (air)</b>	Not regulated.
<b>IATA</b>	Not regulated.
<b>IMDG</b>	Not regulated.
<b>RID</b>	Not regulated.

**ADR** Not regulated.

**AND** Not regulated.

Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Review classification requirements before shipping materials.

**15. REGULATORY INFORMATION****International Inventories:**

United States (TSCA)	Complies
Canada (DSL/NDSL)	Complies
Europe (EINECS/ELINCS)	Complies
Japan (ENCS)	Complies
China (IECSC)	Complies

Korea (KECL)	Complies
Philippines (PICCS)	Complies
Australia (AICS)	Complies
New Zealand (NZIoC)	Complies

**US Federal Regulations:**

**SARA 313**

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 112.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations:**

**California Proposition 65**

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Barium Sulfate	X	X	X
Barium Sulfate	X	X	X

**16. OTHER INFORMATION**

**HMIS Hazard ID**

Health	2*
Flammability	0
Physical Hazards	0

Hazard rating: 0 – Minimal; 1 – Slight; 2 – Moderate; 3 – Serious; 4 – Severe; \*Chronic health effect

**NFPA Hazard ID**

Flammability	0
Health	1
Reactivity	0
Special Hazard	

Hazard rating: 0 – Minimal; 1 – Slight; 2 – Moderate; 3 – Serious; 4 – Severe

**Issue Date:** 7/23/2015

**Version #:** 1.1

**Source of information:** Internal company data, supplier data, and publically available resources.

**Disclaimer:** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.