

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Trade name: Stone Flakes®  
General Use: Decorative Coating

**MANUFACTURER**

ACS International, Inc.  
4775 S. Third Avenue  
Tucson, AZ 85714  
Tel: 520.889.1933

**EMERGENCY:** 1-800-669-9214, Direct: 520-889-1933  
Mon – Thur: 7 am - 4 pm; F 7 to 11 am

**2. HAZARDS IDENTIFICATION****Emergency Overview**

Health – 0 Flammability – 1 (Minimal) Reactivity – 0 Personal Protection – E (Dust Respirator)

Appearance: Various colored flakes with color depending upon specific tints used in formula.

**Potential health effects**

**Primary routes of exposure:** Skin Contact–YES; Skin Absorption–NO; Eye Contact–YES; Inhalation–YES

**Symptoms of acute overexposure:**

**Skin:** The chips/dust are not likely to be hazardous to the skin.  
**Eyes:** May cause mild irritation.  
**Inhalation:** The dust may cause respiratory irritation with coughing and shortness of breath.

**Carcinogenicity—OSHA Regulated:** No

**ACGIH:** No

**International Agency for Research on Cancer:** No

**National Toxicology Program:** No

**Cancer-suspect constituent:** None

**Medical conditions which may be aggravated by exposure:** None Reported

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

## HAZARDOUS CONSTITUENTS

Constituent	Abbr.	CAS No.	EIN No.	Weight Percent	ACGIH TLV	OSHA PEL
Polyvinyl Acetate		9003-20-7		12 – 22%		
Barium Sulfate (Material is stable – Hazardous polymerization will not occur)		7727-43-7		65 – 85%		
Talc		14807-96-6		2-10%		
Potassium TriPolyPhosphate		13845-36-8		(-.15%)		
Titanium Dioxide (Not used in black, dark blue, dark green or dark brown colors)		13463-67-7		1 – 10%		
Carbon Black		1333-86-4		±.5%		

Additionally, Carbon Black CAS#1333-86-4 and various Copper Compounds are used to achieve other final color. When used, only a trace (±.1%) remains.

**4. FIRST AID MEASURES**

**General advice:** Handle in accordance with good industrial hygiene and safety practice.

**Eye contact:** Immediately flush with plenty of water for 10 to 15 minutes.

**Skin contact:** Flush affected area with plenty of water for about 10 to 15 minutes. Wash affected skin area with soap and water.

**Inhalation:** Remove affected party/parties to an area with plenty of fresh air. If effects persist call a physician.

**5. FIRE FIGHTING MEASURES**

**Fire and explosive properties:** This product is not known to present any fire hazard.

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**6. ACCIDENTAL RELEASE MEASURES**

**Cleanup:** Sweep up and/or shovel or use vacuum to clean up spillage. Deposit into covered container for disposal. All material should then be disposed of in accordance with pertinent Federal, State and Local regulations.

**Environmental precautions:** This product does not present any particular risk for the environment. Refer to applicable national, state and local regulations prior to washing in drain.

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**7. HANDLING AND STORAGE**

**Handling precautions:** Avoid dust formation. Provide appropriate exhaust ventilation in places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment.

**Storage:** Store in dry area. Keep containers closed and protect from physical damage.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering controls** Use mechanical ventilation (dilution and local exhaust) to control exposure.

**Personal protective equipment**

**Eye and face protection:** Safety glasses with side shields.

**Skin protection:** Use suitable protective clothing, gloves and footwear, selected with regard for use conditions and exposure potential.

**Hand protection:** Impervious gloves.

**Respiratory protection:** In case of exposure to high levels of airborne dust, wear a respirator in compliance with national legislation.

**Hygiene Measures:** Handle in accordance with good hygiene and safety practice.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Specific gravity:** 1.1 – 1.2

**Melting point:** Not determined

**Vapor pressure:** Not Volatile

**PH:** No Data

**Boiling point:** N/A

**Vapor density (air = 1):** Not Volatile

**Evaporation rate:** Not Volatile

**% Volatile by volume:** Not Volatile

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**10. STABILITY AND REACTIVITY**

**Conditions contributing to instability:** Product is stable but will react violently with sulfuric acid or alkali materials such as sodium.

**Incompatibility:** Not available/None known.

**Conditions contributing to hazardous polymerization:** None

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**11. TOXICOLOGICAL INFORMATION**

**Chronic Toxicity:** This product is not listed as a carcinogen by the IARC, NTP or OSHA  
No specific testing for irritation has been done.

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**12. ECOLOGICAL INFORMATION**

No ecological testing has been done on this product.

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**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with local State and National regulations.

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**14. TRANSPORT INFORMATION**

Not regulated— Ship as Class 60

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**15. REGULATORY INFORMATION**

**U.S. Federal Regulations**

TSCA : All ingredients of this product are listed, or are exempt from listing, on the TSCA Inventory.