



FLAKES - CHIPS
MATERIAL SAFETY DATA SHEET
Revision 7 - Date Revised: 04/30/2012

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name Flakes - Chips

Application Flakes for broadcasting into flooring systems.

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentrate
Polyvinyl Acetate	CAS#9003-20-7	12 - 22%
Barium Sulfate (Material is stable – Hazardous polymerization will not occur.)	CAS#7727-43-7	65 - 85%
Talc	CAS#14807-96-6	2 - 10%
Potassium TriPolyPhosphate	CAS#13845-36-8	<.15%
Titanium Dioxide (Not used in black, dark blue, dark green or dark brown colors.)	CAS#13463-67-7	1 - 10%
Carbon Black (Black Chips Only)		± .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.

3. HAZARDS IDENTIFICATION

Effects of Overexposure

Health – 0; Flammability – 1 (Minimal); Reactivity – 0; Personal Protection – E (Dust Resp).

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

Eye Contact The dust may be irritating to the eye.

4. FIRST- AID MEASURES

Emergency and First Aid Procedures

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

Eye and Skin Contact Flush affected area with plenty of water for about 10 to 15 minutes. Wash affected skin area with soap and water.

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

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.

7. HANDLING AND STORAGE

Handling 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 a dry area. Keep containers closed and protect from physical damage.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls	Use mechanical ventilation (dilution and local exhaust) to control exposure.
Eye Protection	Safety glasses with side shields.
Skin and Body 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 industrial hygiene and safety practice.
Environmental Exposure	This product does not present any particular risk for the environment. Refer to applicable national, state and local regulations prior to washing in drain

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	N/A	Vapor Pressure	Not Volatile
Vapor Density	Not Volatile	Specific Gravity (H₂O = 1)	1.1 – 1.2
Evaporation Rate (Butyl Acetate=1)	Not Volatile	Appearance	Various colored flakes with color depending upon specific tints used in formula.

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.

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.

12. ECOLOGICAL INFORMATION

No ecological testing has been done on this product.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local State and National regulations.

14. TRANSPORT INFORMATION

Not Regulated – Ship as Class 60.

15. REGULATORY INFORMATION

U.S. Toxic Substances Control Act	Compliant with regulations.
Sara Title III Section 312; Section 313	Not hazardous.
California Proposition 65	No ingredients known to be present that causes cancer, birth defects or reproductive hazards.
Canadian Domestic Substances List	All components in this product are on the Canadian Domestic Substances List or are exempt from listing.

16. OTHER INFORMATION

User's responsibility/disclaimer of liability: As the conditions or methods of use are beyond our control, Chips Unlimited, Inc. does not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state and local laws and local regulations remains the responsibility of the user.

HMIS Ratings

Health	1
Flammability	0
Reactivity	0
Personal protection	-