



95 Goodwin Street, East Hartford, CT., 06108 (860) 528-9838

# Material Safety Data Sheet

Date Prepared 9/1/2008

## SECTION I - IDENTIFICATION

IDENTITY (As Used on Label) **Cryl-A-Color (All Colors)**

COMMON NAME **Blended powder pigments**

HAZARD RATING	Health	1
0 = Least	Flammability	1
1 = Slight	Reactivity	0
2 = Moderate	Personal Protection	E
3 = High		
4 = Extreme		

## SECTION II - PRODUCT COMPONENTS

	CAS.#	OSHA PEL	ACGIH TLV
Titanium Dioxide	13463-67-7	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Barium Sulfate <sup>1</sup>	7727-43-7	10mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Aluminum Silicate	1332-58-7	15mg/m <sup>3</sup>	2mg/m <sup>3</sup>
Inorganic Iron Oxides	1309-37-1	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>

The following ingredient is specific to Cryl-A-Colors : Olive Yellow and Concrete Grey only.

Chromium(III) Oxide Green(trivalent chromium) <sup>2</sup>	1308-38-9	15mg/m <sup>3</sup>	15mg/m <sup>3</sup>
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<sup>1</sup> Barium sulfate is listed in SARA III, Part 372, Section 313.

<sup>2</sup> Contains only 1-3ppm (0.0001%-0.0003%) leachable hexavalent chromium. Trivalent chromium is not specifically listed as a possible carcinogen.

T.S.C.A. Status - O.K. on all above components.

**\*FOR SPILL, LEAK, FIRE, OR ACCIDENT, CALL CHEMTREC 24-HOUR EMERGENCY NUMBER 1-800-424-9300\***

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point °F	N/A	Specific Gravity (H <sub>2</sub> O = 1)	>1
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation rate (Butyl Acetate = 1)	N/A

Volatile Organic Compounds (VOC) = Zero grams/liter

Solubility in Water: Negligible

Appearance and Odor: Powder of specified color with no odor

## SECTION IV - FIRE and EXPLOSION HAZARD DATA

Flash Point (Closed Cup Method)	485F	Flammable Limits	LEL	UEL
			N/A	N/A

Extinguishing Media Use water mist, CO<sub>2</sub>, foam, dry powder or cover with sand

Special Firefighting Procedures

N/A

Unusual Fire and Explosion Hazards: Excessive, uncontrolled dusting can cause an explosion.

Bright Yellow emits toxic fumes under fire conditions.

## SECTION V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid
	Stable	X	Keep containers closed when not in use.
Incompatibility (Materials to Avoid)	Strong Oxidizing agents		
Hazardous Decomposition or Byproducts:	Thermal decomposition may produce oxides of carbon, nitrogen, and sulfur		
Hazardous Polymerization	May Occur		Conditions to Avoid:
	Will Not Occur	X	Avoid contact with metals at very high temperatures

## SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	YES	YES	YES
Signs and Symptoms of Exposure	Irritation of skin, nose throat and lungs, eye irritation		
Health Hazards (Acute and Chronic)	ACUTE - Irritation of skin, eyes, nose, throat, lungs, shortness of breath. CHRONIC - Repeated overexposure will cause severe skin irritation, dermatitis and sensitization. Sensitized persons may experience rapid irritation of skin upon exposure.		

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO

Medical Conditions Generally Aggravated by Exposure  
Respiratory disorders

Emergency and First Aid Procedures

EYES - Flush with water, holding lids open for 15 minutes or more. Call physician for advice if necessary.

SKIN - PROMPTLY wash with soap and water. DO NOT wash with solvents. Seek medical advice if irritation develops or persists.

INHALATION - Move person to fresh area if effects occur. If needed, give oxygen or artificial respiration to improve breathing. Consult physician.

INGESTION - If person is conscious, give water or milk to dilute stomach contents.

Get medical attention immediately. Never give liquids to an unconscious or convulsing person.

## SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type): Atmospheric levels should be maintained below the exposure limits listed in section II by using engineering controls. Provide adequate exhaust ventilation and/or NIOSH/MSHA Approved respirator for nuisance dust.

Ventilation	Local Exhaust	If needed.	Special	None known.
	Mechanical	Adequate exhaust ventilation must exhaust AWAY from applicator.		

Protective Gloves Natural rubber or Neoprene. Eye Protection Splash goggles or face shield.

Other Protective Clothing or Equipment

Use rubber apron, face shield and appropriate clothing to prevent contact with skin. Launder contaminated clothing before reuse. Discard contaminated leather shoes and canvas sneakers. Protective skin creams help cleaning with soap and water, gloves must still be worn. An eye wash station or an adequate supply of clean water must be available at work area.

Work/Hygienic Practices Establish good personal hygiene and work practices. Always wash hands and face before eating, drinking or smoking.

## SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Wear protective equipment to prevent exposure.

Eliminate all sources of ignition. Scoop or vacuum up, place in closed container in accordance to Resources Conservation and Recovery Act (RCRA), and in accordance with federal, state and local regulations.

Waste Disposal Method:

Dispose in accordance with Federal, State and Local requirements.

Avoid creation of respirable dust. Take precaution against bag breakage

Other Precautions NONE KNOWN.

Prepared By: Samet Dy - Chemist

**PLEASE NOTE** "The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, Dur-A-Flex, Inc. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should satisfy himself that he has all current data relevant to his particular use."