

# Color Coat

**Material Safety Data Sheet**  
Effective Date 9/93

**HMIS Ratings**  
Health-1  
Flammability-0  
Reactivity-0  
Personal Protection - X

## SECTION 1 Hazardous Ingredients

COMPONENT	CAS#	OSHA PEL	TWA	ACGIH TLV	TWA	NIOSH TWA
Portland Cement	65997-15-1	5mg/m <sup>3</sup>		10mg/m <sup>3</sup>		
Silicon Dioxide, Silica, Quartz	14808-60-7		10mg/m <sup>3</sup>		0.1mg/m <sup>3</sup>	0.05mg/m <sup>3</sup>

OSHA ingredient permissible exposure limit: 18mg/m<sup>3</sup>

ACGIH ingredient TLV-TWA: 30mppcf (10mg/m<sup>3</sup>)

Total dust: 5mg/m<sup>3</sup>

The 1974 NIOSH Criteria for a recommended Standard for Occupational Exposure to Crystalline Silica should be consulted for more detailed information.

Note: The Permissible Exposure Limits (PEL) reported above are the pre-1989 limits that were reinstated by OSHA June 30, 1993 following a decision by the 11<sup>th</sup> Circuit Court of Appeals. These PEL's are now being enforced by Federal OSHA. Be aware that more restrictive exposure limits may be enforced by some states, agencies, or other authorities.

## SECTION 2 Physical Data

pH	Approx. 9.5
Flash point	>200°F Seta cc
Vapor Pressure	20mm Hg
Viscosity	68 Krebs units (approx.)
Evaporation rate	<1 (Ether=1)
Physical State	Opaque viscous liquid
Odor	Ammoniacal
Sp. Gr.	1.3
% solubility (water)	Reducible by water

## SECTION 3 Reactivity Data

Thermal decomposition yields oxides of C, N, Ca, S, T, Fe, Zn, Halogens.

## SECTION 4 Health Hazard Effects

Acute Skin Effects	Mild skin irritant.
Eye Effects	Irritating to the eyes.
Respiratory Effects	Mist causes irritation to upper respiratory tract.
Inhalation	Breathing silica dust may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may have serious chronic effects including Silicosis, Cancer, Scleroderma, Tuberculosis and Nephrotoxicity.

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## SECTION 5 First Aid Instructions

Skin Contact	Wash exposed area with a large quantity of soap solution or water for at least 15 minutes.
Eye Contact	Immediately flush with water for at least 15 minutes. Contact a physician immediately for additional treatment.
Inhalation Exposure	Remove victim from contaminated area to fresh air. Apply appropriate first aid treatment as necessary.
Ingestion	<u>General</u> : Do not feed anything by mouth to unconscious or convulsive victim. <u>Specific</u> : Do not induce vomiting. Contact physician immediately. Dilute contents <u>Of stomach using 3-4 glasses of milk or water.</u>

## SECTION 6 Spill, Disposal and Fire Instructions

Spill Instructions	<u>General</u> : Ventilate area, absorbent material. Place in waste disposal container. <u>Specific</u> : Flush area with water. Wet area may be slippery; if so, spread sand or grit.
Fire Extinguishing Instructions	Firefighters should wear positive pressure, self-contained breathing apparatus (full face piece type). Extinguishing media may be dry chemical, carbon dioxide, foam or water may create slippery condition; spread sand or grit.

## SECTION 7 Special Protective Equipment

Ventilation Equipment Recommended	Adequate ventilation.
Respiratory Protection Recommended	If ventilation is inadequate, use a respirator with dust/mist/fume cartridges.
Skin Protection Recommended	Rubber gloves.
Eye Protection Recommended	Splash proof chemical goggles.

## SECTION 8 Storage and Handling Precautions

Storage Instructions	Keep container closed. Protect from freezing
Handling Instructions	Normal chemical handling.

## SECTION 9 Federal Regulations

FIFRA (40 CFR) –EPA Reg. No. Not applicable.  
OSHA (29 CFR Sec. 1910) – Safety and Health Standards-See Section 1.  
FDA (21 CFR) Ingredients authorized under – None.

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