

MATERIAL SAFETY DATA SHEET

ChromaColor Concrete Coloring System

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ChromaColor Concrete Colorant
PRODUCT CODES: 041099

MANUFACTURER: Superior Industries, Inc.
STREET ADDRESS: 6180 Airways Blvd.
CITY, STATE, ZIP: Chattanooga, TN 37421

INFORMATION PHONE: 423-899-0467
EMERGENCY PHONE: 800-476-2072
FAX PHONE: 423-899-0421

PREPARED BY: OH Porter

DATE REVISED: 10/19/11

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OSHA STEL</u>	<u>WEIGHT %</u>
Proprietary Lithium Silicate Salt	Unknown	NONE	NONE	NONE	
WATER	7732-18-5	NONE	NONE	NONE	
PROPRIETARY POLYMER	Unknown	NONE	NONE	NONE	
Dependent on the specific color the following ingredients may be present					
Proprietary Brown pigment	Unknown	5 mg/m3	5 mg/m3	NONE	
Proprietary Red Pigment	Unknown	NONE	NONE	NONE	
Proprietary yellow Pigment	Unknown	NONE	NONE	NONE	
Proprietary Black Pigment	Unknown	3.5 mg/m3	3.5 mg/m3	NONE	
Proprietary Blue Pigment	Unknown	NONE	NONE	NONE	
Titanium dioxide	13463-67-7	10mg/m3	5mg/m3	N/A	

SECTION 2 NOTES: *denotes toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Medium viscosity liquid in various colors with mild odor
BOILING POINT OR RANGE: ° F - 212
VAPOR DENSITY (AIR = 1): N/A
SPECIFIC GRAVITY (H2O = 1): <1.0
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Partially soluble

SECTION 3 NOTES:

SECTION 4: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, **UPPER:** N/A
(% by volume) **LOWER:** N/A

FLASH POINT: >212 +F

METHOD USED:

SETA FLASH

EXTINGUISHING MEDIA:

FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIRE FIGHTING PROCEDURES:

SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

NONE KNOWN

SECTION 4 NOTES:

SECTION 5: STABILITY AND REACTIVITY

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STABILITY:
STABLE

CONDITIONS TO AVOID (STABILITY):
NONE KNOWN

INCOMPATIBILITY (MATERIAL TO AVOID):
AVOID CONTACT WITH CHEMICALS THAT ARE INCOMPATIBLE WITH WATER.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:
CARBON OXIDES AND TRACES OF INCOMPLETE CARBON COMPOUNDS, METAL OXIDES AND OTHER ORGANIC COMPOUNDS

HAZARDOUS POLYMERIZATION:
WILL NOT OCCUR

SECTION 5 NOTES:

SECTION 6: HAZARDS IDENTIFICATION

HMIS HAZARD CLASSIFICATION

HEALTH: 1 FLAMMIBILITY: 0 REACTIVITY: 0 PERSONAL PROTECTIVE EQUIPMENT: B

POTENTIAL HEALTH EFFECTS

EYES:

DIRECT CONTACT CAN IRRITATE EYES. CONTACT MAY STAIN CONTAMINATED TISSUE.

SKIN:

CONTACT WITH SKIN CAN CAUSE IRRITATION OR STAINING.

INGESTION:

CAN CAUSE IRRITATION TO THE MOUTH, THROAT OR DIGESTIVE SYSTEM IF SWALLOWED. CAN STAIN CONTAMINATED TISSUE.

INHALATION:

MIST MAY IRRITATE NOSE, THROAT, AND LUNGS DEPENDING ON CONCENTRATION AND DURATION OF EXPOSURE.

HEALTH HAZARDS (ACUTE AND CHRONIC):

CONTACT CAN CAUSE IRRITATION TO EYES OR SKIN. THIS PRODUCT IS A MILD ALKALINE SOLUTION.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

PRE-EXISTING SKIN, RESPIRATORY SYSTEM, AND CENTRAL NERVOUS SYSTEM DISORDERS MAY BE AGGRAVATED BY OVEREXPOSURE.

CARCINOGENICITY

OSHA: NO NTP: NO IARC: NO

BLACK PIGMENT, contained in colors is listed under IARC as – 2B (POSSIBLY CARCINOGENIC TO HUMANS). Explanation Of Carcinogenicity: IARC MONOGRAPHS ON EVALUATION OF CARCINOGENIC RISK OF CHEMICALS TO MAN, VOL 65, PG 149, 1996: GROUP 2B.

BLUE PIGMENT, IARC-3 (NOT CLASSIFIABLE AS TO CARCINOGENICITY TO HUMANS). ACGIH TLV-A3 (CONFIRMED ANIMAL CARCINOGEN)

SECTION 7: FIRST AID MEASURES

EYES:

IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 20 MINUTES AND SEEK MEDICAL ATTENTION.

SKIN:

FLUSH SKIN IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ATTENTION IF NECESSARY.

INGESTION:

DO NOT INDUCE VOMITING AND SEEK IMMEDIATE MEDICAL ATTENTION.

INHALATION:

REMOVE TO FRESH AIR AREA AND RECEIVE MEDICAL ATTENTION IF ILL EFFECTS PERSIST.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

IN ALL CASES OF EXPOSURE, TREAT ACCORDING TO PERSON'S CONDITION AND SPECIFIC EFFECTS OF EXPOSURE.

SECTION 7 NOTES:

SECTION 8: RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WEAR THE APPROPRIATE SAFETY EQUIPMENT AND PROTECTIVE CLOTHING. DYKE MATERIAL AND TAKE UP REMAINDER WITH ABSORBANT TO SALVAGE CONTAINER. CLEAN UP WITH SOAPY WATER.

SECTION 8 NOTES:

SECTION 9: WASTE DISPOSAL

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WASTE DISPOSAL METHOD:

DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS.

SECTION 10: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

WEAR SUITABLE PROTECTIVE CLOTHING TO AVOID CONTACT WITH MATERIAL. WEAR NEOPRENE OR RUBBER GLOVES. WEAR SPLASH GOGGLES WITH SIDE SHIELDS. STORE AWAY FROM HIGH HEAT, CONTACT WITH FLAMES AND/OR SPARKS. KEEP MATERIAL IN SEALED CONTAINERS THAT ARE PROPERLY LABELED. DO NOT ALLOW MATERIAL TO FREEZE.

OTHER PRECAUTIONS:

USE GENERAL SAFETY PRECAUTIONS WHEN USING THIS MATERIAL. WASH HANDS BEFORE USING TOILET FACILITIES. REMOVE CONTAMINATED CLOTHING PROMPTLY. USE ONLY IN A WELL VENTILATED AREA.

SECTION 10 NOTES:

SECTION 11: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

USE A SUITABLE (NIOSH APPROVED ORGANIC VAPOR) RESPIRATOR UNLESS ADEQUATE VENTILLATION IS PROVIDED OR IF THE APPLICABL EXPOSURE LIMITS ARE EXCEEDED. AVOID THE INHALATION OF ANY MISTS THAT MAY BE GENERATED IN THE APPLICATION PROCESS IF PROPER VENTILATION IS NOT PROVIDED.

VENTILATION :

PROVIDE FOR ADEQUATE GENERAL VENTILATION.

PROTECTIVE GLOVES:

IMPERVIOUS GLOVES, NEOPRENE OR RUBBER.

EYE PROTECTION:

SPLASH PROOF GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

PROVIDE NECESSARY CLOTHING AND SAFETY EQUIPMENT TO PREVENT CONTACT WITH MATERIAL.

WORK HYGIENIC PRACTICES:

TYPICAL HYGENIC PRACTICES SHOULD BE EMPLOYED TO PREVENT EXPOSURE AND CONTACT TO MATERIAL.

SECTION 11 NOTES:

SECTION 12: DISCLAIMER

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