

SECTION 1 - PRODUCT IDENTIFICATION

Common Name: C-100 SERIES COLORANT

(As appears on label)

Chemical Family:

Manufacturer/Supplier: Concrete Coatings Inc
PO Box 150071
Ogden, UT 84415
1-800-443-2871

Prepared by: Troy Harris, Technical Director

Emergency: Chemtrec 1-800-424-9300

Hazard Rating		Scale
Toxicity	1	4 = Extreme
Flammability	0	3 = High
Reactivity	0	2 = Moderate
Special	0	1 = Slight
		0 = Insignificant

SECTION 2 – HAZARDOUS INGREDIENTS

Hazardous Components Chemical & Common Names	CAS No.	Percent By Weight*	OSHA (ACGIH)	
			TWA	STEL
Titanium Dioxide	13463-67-7	30-60%	15 mg/m ³	N.E.
Ethylene Glycol	000107-21-1	10-30%	100 mg/m ³	N.E.
Talc, Magnesium Silicate Hydrate	014807-96-6	5-10%	5 mg/m ³	N.E.
Kaolin	001332-58-7	5-10%	2 mg/m ³	N.E.

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 100° C/212° F Water
Melting Point: 0 ° C/ 32 ° F Water
Specific Gravity (Water = 1): -1.7
Vapor Pressure (mm Hg): 17 mm Hg @ 20° C/68° F
Vapor Density (Air = 1): Lighter than air
Solubility in Water: Dispersible
Evaporation Rate
 (Butyl Acetate=1) Slower than Butyl Acetate
Appearance & Odor Thick Paste of various color. Mild odor
PH: 8.0 – 9.0
Viscosity 85-105 cps maximum
Percent Volatility 52-54% water

SECTION 4 – FIRE AND EXPLOSION DATA

Flash Point: Noncombustible
Flammable Limits: **Lower Explosive Limit:** N/A
Upper Explosive Limit: N/A
Extinguishing Media: Alcohol, Dry Chemical, Water Fog and Foam

Unusual Fire/Explosion Hazards: Polymer film will burn, can sear at temps above 100°C /212 ° F

SECTION 5 – REACTIVITY DATA

Stability:	Stable under normal storage conditions
Conditions to avoid:	None
Incompatible with:	oxidizers, strong acids
Hazardous decomposition products:	May evolve highly toxic chloride fumes.
Hazardous polymerization:	Will not occur.

SECTION 6 HEALTH HAZARD DATA

Carcinogenicity:	NO
IARC:	NO
OSHA Regulated?:	NO
Threshold Limit Value (TLV):	5 ppm
Effects of Overexposure:	

Inhalation: Inhalation of mist or vapor can cause irritation of upper respiratory tract.

Skin Contact: Direct or repeated skin contact can cause slight skin irritation, flaking, and softening of skin.

Eye Contact: Direct contact to eyes can cause irritation, tearing, swelling, and possible burning sensation

Emergency and First Aid Procedures

Eyes:	Flush eyes with water for 15 minutes. Consult physician if irritation persists.
Skin:	Wash area thoroughly with soap and water
Inhalation:	Move victim to fresh air.
Ingestion:	If swallowed, give two glasses of water to drink; consult physician. Never give anything by mouth to an unconscious person.

SECTION 7 – SPILL OR LEAK PROCEDURES

If Material Spills or Leaks: Absorb material with inert media and dispose of in a chemical-waste container. Keep away from Municipal sewers, lakes, or streams.

Waste Disposal: Container is considered empty when 3% or less remains. Additional special handling is not required. Container may be discarded other non-hazardous trash. Dispose of in accordance with local, state and federal regulations.

SECTION 8 – SAFE HANDLING AND STORAGE INFORMATION

Respiratory Protection None required under normal conditions. When mist occurs during spraying operations, wear an approved disposable half mask dust/mist respirator.

Protective Equipment: Impervious gloves, neoprene or rubber; safety glasses with splash guards or side shields, chemical goggles, or face shields.

SECTION 8 – SAFE HANDLING AND STORAGE INFORMATION (CONT.)

Other Equipment and Practices: Standard painting clothing is suitable.

Special Precautions for Handling and Storage: Store in a cool, dry place. Keep from freezing, material may coagulate.

SECTION 9 – SHIPPING INFORMATION

DOT Shipping Name: C-100 SERIES COLORANT
DOT Hazard Class: 1
DOT Reportable Quantity: N/A

USERS RESPONSIBILITY & DISCLAIMER OF LIABILITY: A bulletin such as this cannot be expected to cover all possible situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where precautions – in addition to those described herein are required. Although the information contained herein is based on data considered to be accurate, all materials present unknown health hazards, and should be used with caution and by properly trained personnel. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Any health hazard and safety information should be passed onto your customers or employees, as the case may be. Final suitability of the chemical for each circumstance is the sole responsibility of the end user. No representation or warranties either expressed or implied, of merchantability, fitness for a particular purpose, or any other nature are made hereunder with respect to the information contained herein, or the chemical to which the information refers. It is the sole responsibility of the end user to comply with all applicable federal, state and local laws and regulations. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed.