

SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: COLORANT
PRODUCT CODE: 190
PRODUCT DESCRIPTION: PIGMENT DISPERSION

MANUFACTURER'S NAME CONCRETE TECHNOLOGY INC.	DATE PREPARED: SUPERSEDES: June 1, 2015
ADDRESS (NUMBER, STREET, P.O. BOX) 8770 133rd AVENUE NORTH	TELEPHONE NUMBER FOR INFORMATION 727-535-4651
CITY, STATE & ZIP CODE COUNTRY LARGO, FL 33773 USA	EMERGENCY TELEPHONE NUMBER 800-424-9300

SECTION 2 - HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE	HMIS Codes	
INHALATION of vapor or spray mist.	Health	1
EYE or SKIN contact with the product, vapor or spray mist.	Flammability	0
EFFECTS OF OVEREXPOSURE Irritation.	Reactivity	0
SIGNS AND SYMPTOMS OF OVEREXPOSURE Redness and itching or burning sensation may indicate eye or excessive skin exposure.	Protective Equipment	B
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None generally recognized.		

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS #	% By Weight
CHROME OXIDE	1308-38-9	0-30
IRON OXIDE	1317-61-9	0-30
IRON OXIDE	20344-49-4	0-30
IRON OXIDE	1309-37-1	0-30
TITANIUM DIOXIDE	13463-67-7	0-30
SILICA	14808-60-7	1-5
MAGNESIUM SILICATE HYDRATE	14807-96-6	5-10
PROPYLENE GLYCOL	57-55-6	5-10
BARIUM SULFATE	7727-43-7	5-10
KAOLIN	1332-37-2	1.5

SECTION 4 - FIRST AID MEASURES

ROUTES OF EXPOSURE: Inhalation of vapor or mist. Eye or skin contact with the product, vapor or mist.
EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
SKIN: Wash affected area thoroughly with soap and water.
INHALATION: If affected. Remove from exposure. Restore breathing. Keep quiet and warm.
INGESTION: Do not induce vomiting. Get medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Water based coating. Will not burn under normal circumstances.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode when exposed to extreme heat.

SPECIAL FIRE FIGHTING PROCEDURES

Water may be used to cool to prevent pressure build up.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid breathing fumes. Wear proper personal equipment.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter sewers/surface or ground water.

METHODS OF CLEAN UP

Absorb spill with vermiculite, floor absorbent or other absorbent materials.

SECTION 7 - HANDLING AND STORAGE

SAFE HANDLING

Avoid breathing vapors or spray mist.

FIRE PREVENTION

The product itself will not burn.

STORAGE

Keep container closed in a drywell ventilated place.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

CHEMICAL NAME	CAS #	OSHA PEL	ACGIH TLV	WT %
CHROME OXIDE	1308-38-9	10 mg/m ³	10 mg/m ³	0-30
IRON OXIDE	1317-61-9	10 mg/m ³	5 mg/m ³	0-30
IRON OXIDE	20344-49-4	10 mg/m ³	5 mg/m ³	0-30
IRON OXIDE	1309-37-1	10 mg/m ³	5 mg/m ³	0-30
TITANIUM DIOXIDE	13463-67-7	15 mg/m ³	N/E	0-70
SILICA	14808-60-7	.1 mg/m ³	.1 mg/m ³	1-5
MANESIUM SILICATE HYDRATE	14807-96-6	2 mg/m ³	2 mg/m ³	5-10
PROPYLENE GLYCOL	57-55-6	N/E	N/E	5-10
BARIUM SULFATE	7727-43-7	10 mg/m ³	5 mg/m ³	5-10
KAOLIN	1332-37-2	5 mg/m ³	2 mg/m ³	1.5

RESPIRATORY PROTECTION

Whenever workers are in concentrations above the exposure limit they must use appropriate NIOSH/MSHA approved respirators.

SKIN PROTECTION

Wear impervious gloves and apron to prevent skin contact.

EYE/FACE PROTECTION

Use splash-proof safety goggles or face shield.

OTHER PRECAUTIONS

Eyewash station and safety shower should be available within the workplace.

ENGINEERING CONTROLS

Local exhaust preferable. General exhaust is acceptable if maintained below applicable exposure limits.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE PASTE
ODOR MILD AMMONIA
COLOR ALL
PH 8.5-9.0
BOILING POINT 212° F
FREEZING POINT 32° F
FLAMMABILITY N/A
RELATIVE DENSITY 1.5-1.8
SOLUBILITY 100% IN WATER
VOC CONTENT 220 - 285 grams/liter

SECTION 10 - STABILITY AND REACTIVITY

MATERIALS TO AVOID

None

HAZARDOUS REACTIONS

Stable

HAZARDOUS POLYMERIZATION

Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

None known

CRYSTALLINE SILICAS

Exposures to respirable Crystalline silica are not expected during normal use of this product. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (silicosis) and/or lung cancer. The risk of developing silicosis is dependent upon the exposure intensity and duration.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL EFFECTS

This product has no known adverse ecological effects.

SECTION 13 - DISPOSAL CONSIDERATIONS

Collect and dispose of in accordance with Federal, State/Provincial and Local
Do not contaminate ground water and environment.
Recycle empty buckets or bags.

SECTION 14 - TRANSPORT INFORMATION

Non - regulated, not classified as dangerous.

SECTION 15 - REGULATORY INFORMATION

Observe the general safety regulations when handling.

SARA 313 Not considered hazardous.
EPCRA 302 Not considered hazardous.
EPCRA 304 Not considered hazardous.
RCRA Hazardous Waste: Not Listed

SECTION 16 - OTHER INFORMATION

This product is not intended for use in food or pharmaceuticals.

The information provided in this Safety Data Sheet is, to the best of our knowledge, correct. The data set forth on this sheet is based on information provided by the suppliers of raw materials and chemicals used in the production and manufacture of the aforementioned products. Concrete Technology, Inc. makes no warranty with respect to the accuracy of the information provided by the suppliers, and disclaims all liability or reliance thereof. Buyer assumes all risk of use, storage and handling of the product in accordance with federal, state and local laws and regulations.