

## MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD TITLE 29 CFR PART 1910.1200

### SECTION 1 CONTACT INFORMATION

CONCRETE EARTH LLC: 601 N. 5<sup>th</sup> AVENUE, KANKAKEE, ILLINOIS 60901

<b>24 HOUR EMERGENCY TELEPHONE</b>	<b>(800) 535-5053</b>	<b>INFOTRAC</b>
MANUFACTURER CONTACT:	(800) 441-6646	CONCRETE EARTH LLC

TRADE NAME :	<b>ECOGUARD COLOR INFUSION</b>	<b>NPCA HMIS RATINGS :</b> <b>Health: 2</b>
PRODUCT CLASS :	Colored dye for polished concrete	<b>Flammability: 0</b>
PRODUCT APPEARANCE:	24 various assorted earth tones	<b>Physical Hazard: 0</b>
PRODUCT ODOR	Pleasant fragrance (mild)	<b>Personal Protection: G</b>

**\*Concentrate-** to be diluted with water 1 to 7 by volume BEFORE USE.

### SECTION 2 COMPOSITION-INFORMATION ON INGREDIENTS

#### OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT	HS#	% WT	ACGIH TLV	OSHA PEL	VAPOR (mmHg)
Glycol Ether EB	2909-43	<30%	<10 ppm.	< 25 ppm	1.0
Proprietary Non-hazardous compounds	N.A.	Proprietary	N.A.	N.A.	<0.1.
Synthetic Organic Dyes	3204-11	Proprietary	N.A.	N.A.	N.A.
Water	2201-90.	Balance	N.A.	N.A.	N.A.

### SECTION 3 EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:	Flush eyes with large amounts of water until irritation subsides. Seek medical attention.
SKIN CONTACT:	Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.
INHALATION:	If symptoms develop, remove individual away from exposure to fresh air. If respiration stops, give mouth to mouth resuscitation. Administer oxygen if available. Call physician and transport to a medical facility
INGESTION:	Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth ; place individual on the left side with head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting.

### SECTION 4 PHYSICAL DATA

The following data represents approximate or typical values. They do not constitute product specifications

BOILING RANGE:	100 C / 212 F	VAPOR DENSITY:	< 1 (Air)
EVAPORATION RATE:	<1 (Water)	% VOLATILE BY VOLUME:	Approx. 90-95 %
WT/GAL-CONCENTRATE	Approx. 8.20 Average	pH CONCENTRATE	Approx. 5.00
WT/GAL-DILUTED 1 TO 7	Approx. 8.35 Average	pH (DILUTED)	Approx. 7.00
SOLUBILITY IN WATER:	100%	VISCOSITY	Approx. 5-10 cps.
PRODUCT APPEARANCE	Various "earth tone colors	PRODUCT ODOR	Mild Fragrance

**TRADE NAME: ECOGUARD COLOR INFUSION****SECTION 5 FIRE AND EXPLOSION DATA**

FLAMMABILITY CLASS:	Non-flammable
FLASH POINT:	N.A.
AUTOIGNITION TEMPERATURE:	N.A.
LOWER EXPLOSIVE LIMIT:	N.A.
EXTINGUISHING MEDIA	N.A.
UNUSUAL FIRE & EXPLOSION HAZARDS:	No special fire hazards are known to be associated with this product.
SPECIAL FIRE FIGHTING PROCEDURES:	Wear a self-contained breathing apparatus with a full face-piece operated in the positive pressure demand mode with appropriate chemical resistant personal protective equipment

**SECTION 6 HEALTH HAZARD DATA**

<b>EFFECTS OF OVEREXPOSURE</b>	
EYE CONTACT:	Liquid is minimally irritating to the eyes. Vapor concentrations may be irritating.
SKIN CONTACT:	Prolonged contact may cause mild skin irritation. Symptoms may include redness or burning.
INHALATION:	Spray mist may cause slight irritation to respiratory tract
INGESTION:	Causes irritation to esophagus and stomach.
CARCINOGENICITY:	This material does not contain any ingredients listed by IARC, NTP, or OSHA as carcinogens in amounts exceeding 0.1%.

**SECTION 7 REACTIVITY DATA**

STABILITY:	Product is considered stable at regular temperatures.
CONDITIONS TO AVOID:	NA
INCOMPATIBILITY (MATERIALS TO AVOID):	NA
HAZARDOUS DECOMPOSITION PRODUCTS:	None
HAZARDOUS POLYMERIZATION:	Will not occur.

**SECTION 8 SPILL OR LEAK PROCEDURES**

<b>STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:</b>	Sinks and mixes with water. Not a RCRA Hazardous waste. Neutralize spill area with a mild acid solution (like acetic acid) before clean up. Use absorbent material such as sand or Fuller's Earth to contain spill. Sweep up and place in an appropriate chemical waste container. Flush spill area with plenty of water.
<b>WASTE DISPOSAL METHOD:</b>	Materials that cannot be reused or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable regulations under the Resource Conservation and Recovery Act. Note : State and local restrictions may be more stringent than Federal.

**SECTION 9 SAFE HANDLING AND USE INFORMATION:**

RESPIRATORY PROTECTION:	If TLV of the product or any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised. Engineering of administrative controls should be implemented to reduce exposure.
VENTILATION:	Sufficient, in volume and pattern, to keep workroom concentration below current applicable OSHA safety and health requirements. See section 2.
PROTECTIVE GLOVES:	Rubber or neoprene
EYE PROTECTION:	Chemical safety/splash goggles.
OTHER PROTECTIVE EQUIPMENT:	Impervious clothing or boots, if needed.

**TRADE NAME: ECOGUARD COLOR INFUSION**

### SECTION 10 SPECIAL PRECAUTIONS

DEPT. OF LABOR STORAGE CATEGORY:	Not regulated
STORAGE CONDITIONS :	Keep from freezing, material is water based. Keep containers closed, store in a cool, dry, well ventilated area.
HANDLING PROCEDURES:	Make sure all personnel follow good industrial hygiene practices
WORKPLACE CLASSIFICATION	This product as supplied is non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

### SECTION 11 ADDITIONAL INFORMATION

ENVIRONMENTAL HAZARD : NA
SARA: This product does not contain any chemicals listed in Section 313 at or above minimum concentrations. All components of this product are listed or excluded from listing on the U.S. Toxic Substances Control Act (TSCA).
CALIFORNIA PROPOSTION 65 : This product does not contain any substances known to the State of California to cause cancer or reproductive effects.

### TRANSPORTATION

U.S. D.O.T. PROPER SHIPPING NAME:	N.A. (Not Regulated)
U.S. D.O.T. HAZARD CLASS:	N.A.
U.S. D.O.T. I.D. NUMBER:	N.A.

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**Abbreviations:** CFR =Code of Federal Regulations, OSHA = Occupational Safety and Health Administration. NIOSH = National Institute of Occupational Safety and Health. ACGIH = American Conference of Governmental Industrial Hygienists. TLV = Threshold Limit Value (8-hr. TWA). TWA= Time Weighted Average. STEL= Short Term Exposure Limit (15 min. TWA). N.A. = Not Applicable. PEL = Permissible Exposure Limit (8-hr. TWA).

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