

## COLOR INFUSION

### GREEN ALTERNATIVE CONCRETE DYE

**ECOGUARD™ Color Infusion** is composed of a high-grade solvent soluble synthetic dye, blended into a base which allows the use of water as its catalyst, resulting in a low odor concentrated dye liquid with none of the dangers of solvents volatile fumes and flammability.

**Color Infusion's** unique composition allows the dye to become completely water insoluble once dry. 1

**Color Infusion** dyes are formulated to penetrate well into the concrete matrix, and polished to a high-level with minimal to no color loss.

**Color Infusion** is a sustainable, long lasting, easy to apply and maintain color medium, which contains high quality synthetically manufactured solvent soluble dyes ideal for interior polished concrete floors. It is not recommended for use on exterior exposed concrete.

#### BENEFITS:

- A deep penetrating water soluble dye that is **100% water insoluble once dry.**
- Excellent color retention under both wet and dry polishing applications
- No loss of color due to topical applications of hardeners/densifiers or water borne protective finishes
- High concentrate, low odor formula with indefinite dye stability after dilution
- Easy to apply by construction grade pump up sprayer - no acetone resistant sprayer required
- Deep, brilliant color schemes available in 24 shades
- Environmentally friendly formula qualifies for LEED accredited project



#### LEED CREDIT CONSIDERATIONS:

Materials and Resources: MR Credit 1.2-Building re-use  
Indoor Environmental Quality. MR Credits 5.2:

Regional materials: Greater than 20% extracted, processed and manufactured regionally at production location: Kankakee, Illinois 60901.

**COMPOSITION:** **ECOGUARD Color Infusion** contains a proprietary blend of synthetic dyes and emulsifiers. Contains no chromium or heavy metal components.

#### APPLICATION

**SURFACE PREPARATION:** Concrete floor should be open, porous and ground to a maximum of 100 Grit level using either metal or resin bond diamond tooling. It is recommended to clean the surface post grinding to minimize surface dust and increase porosity of the surface.

**APPLICATION:** Apply with a standard high volume, low pressure sprayer, and a synthetic micro-fiber disposable pad.

For maximum penetration, spray at a rate ranging from 400 to 600 SF per gallon. Allow to penetrate for 30-45 minutes. Re-apply lightly at a rate of 800 to 1,200 SF per gallon and spread evenly into the concrete surface with the synthetic micro-fiber pad. Allow to dry 30-45 minutes.

Use a high-speed burnisher fitted with a medium hogs hair pad, "burn" off excess surface residual dye material. This locks in the color into the substrate.

#### TECHNICAL DATA

##### WORKING AND PERFORMANCE PROPERTIES AT 70° F (21° C) APPROXIMATE VALUES

WEIGHT PER GALLON	8.40 Lb./gal.
pH	8.5 (+/- 0.10)
% SOLIDS (Concentrate)	>80% +/- 1.0
FREEZE POINT	30°F (-1.1°C)
ODOR	Slight
VOC CONTENT	< 100 g/L after diluted 1:7

**ECOGUARD Color Infusion** is stable after dilution with water and can be used as needed in the future. It is important to keep the diluted dye in as sealed container.

**SPILL CLEAN-UP:** While the diluted *Color Infusion* is still wet, rinse with water only.

Use cleaning solvents to remove any remaining film residue, as *Color Infusion* is water insoluble once dry.

#### COVERAGE

**ECOGUARD Color Infusion** is sold in 1 Pint concentrate to be diluted with 7 parts potable water to make 1 gallon of ready to use dye. Applied at the recommended ratio of 400-600 Sq. Ft. per gallon on the 1<sup>st</sup> pass, and 800-1200 Sq. Ft. on the 2<sup>nd</sup> and final pass – the average use per gallon ranges from 600 to 900 Sq. Ft. per gallon.

#### GHS HAZARD RATINGS



RESPIRATORY TRACT  
IRRITANT

**WARNINGS: HEALTH HAZARD & IRRITANT:** **ECOGUARD™ COLOR INFUSION** is safe to use but may irritate the respiratory tract if applied under enclosed, non-ventilated conditions. Avoid ingestion, skin & eye contact and inhalation of spray mist. Do not atomize. Apply by low pressure, high volume sprayer only. Use protective gloves, safety goggles, and under poorly ventilated conditions, it is recommended to use an OSHA approved organic vapor cartridge respirator.

**Refer to product SDS (Safety Data Sheet) for complete health and safety information.**

**FOR MEDICAL EMERGENCIES ONLY – CALL INFOTRAC AT 800-535-5053.**

**KEEP AWAY FROM FOOD AND DRINK. DO NOT TAKE INTERNALLY.  
FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.**

**HMIS SAFETY RATINGS:** HEALTH = 1, FLAMMABILITY = 0  
REACTIVITY = 0, PERSONAL PROTECTION = B (Impervious gloves, splash goggles).

**HAZARDOUS INGREDIENTS - Section 313:** This product contains no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know-Act of 1986 and of 40CFR 372.

**PACKAGING:** 1-pint (3.78L) bottles, 5-gallon (18.9L) pails.

**SHIPPING NAME:** Concrete Colorant - Water base

**SHIPPING CLASS:** ITEM 33880, SUB 2, LTL 55

**SHELF LIFE:** 1 year properly stored @ 60° to 80° F

#### WARRANTY:

Concrete Choice, LLC (CC) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. No other representations or statements made by CC representatives, in writing or orally, shall alter this warranty. CC MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. **Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.**

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