



ECO-Crete Decorative Finishes

Distributed by
 SAFER HOMES FLORIDA, INC
 1043 SEMINOLA BLVD.
 CASSELBERRY, FL 32707
 1-800-678-4379 / 321-397-1729
 FAX: 407-478-3733

ECOCRETE - Ecrylic (Base Coat) COVERAGE

First Application of Color:	100-125 sq. ft. / per 5 gal. Or 50lb bag @ ¼ thick layer
Drying:	6-12 hours* Dry conditions

TECHNICAL DATA

Volume Solids:	Non-Skid 55%
Drying Time:	
To Touch:	30 minutes (*sunlight)
To Re-Coat:	2 hours
Foot Service:	3 days
Machinery Service:	14 days
Clean Up:	Water

*The cooler the temperature, the slower the Ecrylic System drying.

ENGINEERING DATA

Compressive Strength:	3 days	4000 PSI
	7 days	7200 PSI
	14 days	9100 PSI
	28 days	11,200 PSI
Bond Strength:	28 days	450 PSI
Flexural Strength:	28 days	850 PSI
Tensile Strength:	28 days	700 PSI
Chemical Resistance:		
Petroleum Products:		No Attack
5 % Acid:		No Attack
5% Alkalis:		No Attack

Impact Resistance:

Withstands repeated impacts of 1" steel ball from 18 inches.

50 Cycle Freeze/Thaw:

No loss of bond to concrete substrate. Weight loss is less than ½ %

FIRE & EXPLOSION HAZARD

None

MAINTENANCE

Re-coating or small area touch-up can be made at any time by following recommended application procedures.



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MATERIAL SAFETY DATA SHEET
PRODUCT: ECOCRETE Base Ccoat (Ecrylic)

SECTION I – PRODUCT IDENTIFICATION

TRADE NAME: ECO-CRETE DECORATIVE FINISHES
 CHEMICAL FAMILY / SYNONYMS: Portland Cement, Mortar, Lime, Silica
 MANUFACTURER: W.R. Bonsal Company, P.O. Box 241140, Charlotte, N.C. 28224
 EMERGENCY PHONE: (800) 424-9300 / CHEMTREC**BONSAL / (704) 525-1621

SECTION II – HAZARDOUS INGREDIENTS

DESCRIPTION	CASE #	PERCENT	OCCUPSITIONAL EXPOSURE LIMITS		VAPOR PRESSURE
			TLV	PEL	(MM HG)
Portland Cement	65997-15-1	29 – 34	10 mg/m	15 mg/m ³	N/A
Sand (Quartz)	14808-60-7	66 – 71	0.1 mg/m	0.1 mg/m ³	N/A

Varies depending on product
 % Determined by airborne samples

SECTION III – PHYSICAL DATA

BOILING POINT (F)	N/A	SPECIFIC GRAVITY (H O –1)	2.6 / 2.7
VAPOR PRESSURE (mm Hg)	N/A	% VOLATILE BY VOLUME %	0
VAPOR DENSITY (AIR#1)	N/A	EVAPORATION RATE	N/A
SOLUBILITY IN WATER:	Slight (0.1 / 1.0 %)		
APPEARANCE & ODOR:	Fine, white or gray powder mixed with sand, no odor.		



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SECTION IV – FIRE & EXPLOSION HAZARD DATA

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FLAMMABLE LIMITS:	N/A
EXTINGUISHING MEDIA	NONE
SPECIAL FIRE FIGHTING PROCEDURES:	NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS:	NONE

SECTION V

THRESHOLD LIMIT VALUE: Respirable Dust – PEL 0.1 mg/m³

EFFECTS OF OVEREXPOSURE: Excess exposure by inhalation over an extended period of time may result in the development of pulmonary diseases. Prolonged contact can produce skin irritation and dermatitis. Abrasive, skin and eye irritant.

EMERGENCY FIRST AID: Inhalation: Remove from exposure. If not breathing, give artificial respiration. If breathing difficult, give oxygen, and consult a physician. Skin Contact: Wash thoroughly with soap and water.

SECTION VI – REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: N/A

SECTION VII – SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED OR SPILLED: Use personal protective equipment to prevent dust exposure and protect against alkali burns or irritation.

WASTE DISPOSAL METHOD: Dispose of in accordance with Federal, state, and Local regulations.



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SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (TYPE): NIOSH/MSHA approved for protection against silica and nuisance dusts.

VENTILATION:

Local Exhaust: Yes

PROTECTIVE GLOVES: Rubber, PVC, Neoprene

EYE PROTECTION: Goggles

OTHER PROTECTIVE EQUIPMENT: Rubber boots, arm sleeves & aprons when necessary to prevent skin contact.

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS IN HANDLING AND STORING: store in manner to prevent contact with water to preserve product.

OTHER PRECAUTIONS: NONE



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ECOCRETE ACRYLIC SYSTEM

Performance (after mixing with water):

- Suitable for new and existing cementitious surfaces
- Good resistance to mildew and organic growth
- Good wear resistance
- Excellent bonding characteristics
- Provides decorative finish
- Provides a cooler surface
- Easily mixed with water
- Easy to apply

May be applied to properly prepare:

- New concrete and masonry (horizontal and vertical)
- Existing concrete and masonry (horizontal and vertical)

Performance data:

- Compressive Strength 7 days / 3700 psi
- Flexural Strength 7 days / 490 psi
- Tensile Strength 7 days / 428 psi

Limitations:

- DO NOT apply when air or substance temperature is below freezing
- DO NOT use dirty water, containers or rusty tools
- DO NOT use in corrosive or chemical environments, or areas subject to intense heat
- DO NOT use retarder and accelerator in combination