

THANK YOU

FOR CHOOSING



BEFORE BEGINNING ANY PROJECT

Please review the enclosed training and materials packet in full, including:



1-2-3

Review the Step-By-Step Instructional Video Anytime at:

<https://diyconcrete.com/collections/stain-my-ugly-concrete>

STAIN MY UGLY CONCRETE

Just because it has to stand up to the elements, doesn't mean your exterior concrete needs to be boring. With these three products you can quickly and easily transform concrete slabs into beautiful, and bona fide, outdoor living spaces.

DIFFICULTY RATING



BEFORE YOU BEGIN THIS PROJECT

Please review all of the materials and tools required to ensure you have everything needed for the project.

MATERIALS

- (1) SCR Cleaner/Degreaser (1 gallon)
- (1) Eco Stain Water Based Stain (32 oz)
- (1) HS 200LV Acrylic sealer (1 gallon)

TOOLS

- (1) Extendable Brush/Roller/Broom Handle
- (1) 1-Gallon Plastic Pump-Up Sprayer
- (1) 9" Paint Tray
- (1) 4" Roller Frame/Cover
- (1) 9" Roller Frame/Cover
- (1) 2" Painter's Tape
- (1) 48" Masking Film
- (1) Stiff Bristle Brush
- (1) Gloves
- (1) Safety Glasses

STEP 1: PREP

1. Remove any leaves, twigs, rock or other loose particles from the surface with a leaf blower or broom.
2. Clean the surface using a pressure washer (3000 psi), or a garden hose and stiff bristle brush, to remove any dirt or accumulated grime.
3. Consider protecting any finish surfaces near the project by using 48" masking film and blue painter's tape to secure the film to surrounding surfaces.

SCR CLEANER/DEGREASER (1 GALLON)

1. Mix 1:1 with water and pour into a pump-up sprayer.
2. Spray across entire surface and use a stiff bristle brush to work the material down into the substrate.
3. Ensure the surface remains partially damp during the process to allow for good penetration.
4. Neutralize the surface with water and allow to dry BEFORE MOVING ON TO STEP 2.



STEP 2: COLOR

ECO STAIN WATER-BASED STAIN (32 OZ)

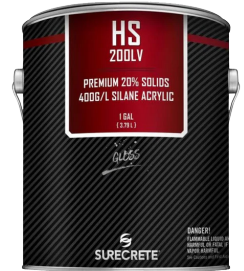
1. Mix 3 parts water to 1 part stain in a clean bucket and pour into a pump-up sprayer.
2. Apply using a circular motion to avoid overlap marks or patterns from the sprayer.
3. Surface should remain slightly damp during application to allow for good penetration.
4. Let dry overnight and move on to step 3.



STEP 3: SEAL/PROTECT

HS 200LV ACRYLIC SEALER (1 GALLON)

1. Pour material into a clean roller pan
2. Cut in along edges using a small roller or brush to create a clean line and avoid material getting onto surrounding surfaces
3. Use a traditional 9" roller to apply material uniformly over the remainder of the surface. Ensure there are no missed spots, or areas of heavy accumulation or puddles.
4. **ALLOW 24 HOURS** to fully cure before foot traffic.
5. When first coat is able to be walked on, it may receive a second coat. While many applications are complete with a single coat, always evaluate surface to see if a second coat is needed.



NEED MORE HELP?

Review the step-by-step instructional video anytime at:

<https://diyconcrete.com/collections/stain-my-ugly-concrete>

SCR™ TECHNICAL DATA SHEET



DESCRIPTION

SCR™ is a concentrated combination of three commercial-grade cleaning products. **SCR™ utilizes a detergent, degreaser, and hydrochloric acid** to clean and prepare concrete for overlays, stains, sealers, and coatings. The SCR formula quickly dissolves mortar, scale, rust, algae, stains, and mineral deposits such as efflorescence. SCR is a stronger cleaner than citric acid and a safe alternative to muriatic acid, as it contains no toxic heavy metals, or ozone-depleting solvents.

SCR™ will open the pores of the concrete and cement-based overlays aiding concrete coloring systems like reactive acids, water-based stains, and dyes. In addition, it assists in delivering a higher bond strength to exterior concrete acrylic sealers. Its multi-function, environmentally-friendly properties include cleaning and preparing:

- All SureCrete Overlays
- Xtreme Series and D-FRC Castings
- Removing Travertine Powder from Xtreme Series and D-FRC
- Eco-Stain and Eco-Accent Applications
- Application of Super, HS, ColorTec Acrylic Sealers
- Removal of SureRelease and TruTique
- Brick, Mortar, Paver, and Grout Surfaces
- Porcelain
- Vitreous China Surfaces and Fixtures
- Stamp Tools and Molds

MIXING & APPLICATION

Apply in temperatures above freezing and below 90°F (32°C). **SCR™ is a concentrated solution and must be diluted with water.** Water and SCR should be premeasured before combining. **DO NOT** use a hose to fill water into SCR as it will create constant bubbling. Always tighten lid thoroughly after use.

The formula for **proper dilution should be Water: SCR**

Example: 2:1 equals 2-parts water to 1-part SCR

QUICK FACTS

PACKAGING

1 gallon (3.8 L) jug
5 gallon (18.9 L) pail

MIXING RATIO

Varies by application: no dilution to 4:1
(4-parts water to 1-part SCR™)

COVERAGE

Varies upon substrate: 150 square feet per
gallon (14 m² per 3.8 L)

SHELF LIFE

Under normal conditions, when kept dry and moisture free, out of direct sunlight, the shelf life of an unopened container is twelve (12) months from the date of purchase. SCR™ should not be exposed to freezing temperatures, which may rupture container. Rotate inventory to maintain product that is within limits.



Below, you will find the suggested dilution rates for the following applications:

- General Concrete Cleaning
- Exterior Concrete for Overlay
- Interior Concrete for Staining and Overlay
- Cleaning Overlay for Staining and Sealing
- Cleaning XS and D-FRC Casting Pieces
- Cleaning Stamping Tools and Molds

GENERAL CONCRETE CLEANING

1. Dilute SCR™ 2:1 with water
2. Dampen concrete with water from mist of pump-up sprayer or a garden hose trigger nozzle.
3. Apply evenly the 2:1 diluted product across surface of concrete. Best results are achieved by spraying from an acid-resistant pump-up sprayer.
4. While still wet with product, rub concrete with a stiff bristle-broom.
5. Before SCR dries, rinse with a garden hose or power wash with a fan-tipped pressure washer.

SURFACE PREPARATION ON EXTERIOR CONCRETE

1. Dilute SCR™ 2:1 with water
2. Dampen concrete with water from mist of pump-up sprayer or a garden hose trigger nozzle.
3. Apply evenly 2:1* diluted product across surface of concrete. Best results are achieved by spraying from an acid-resistant pump-up sprayer.

4. While still wet with product, rub concrete with a stiff bristle-broom
5. Before SCR dries, power wash with minimum 3,000 PSI (21,000 kPa) pressure washer equipped with a turbo-tip.

SURFACE PREPARATION ON INTERIOR CONCRETE

1. Dilute SCR™ 2:1 with water
2. Dampen concrete with water from mist of pump-up sprayer or a garden hose trigger nozzle.
3. Apply evenly 2:1* diluted product across surface of concrete. Best results are achieved by spraying from an acid-resistant pump-up sprayer.
4. While still wet with product, rub concrete with black pad on a rotational floor machine
5. Keep floor wet with frequent rinsing.
6. Mop residue until rinse water is clear or utilize water extraction equipment.

CLEANING OVERLAY PRIOR TO COLORING OR SEALING

1. Dilute SCR™ 4:1 with water
2. Dampen concrete with water from mist of pump-up sprayer or a garden hose trigger nozzle.
3. Apply evenly 4:1 diluted product across surface of overlay. Best results are achieved by spraying from an acid-resistant pump-up sprayer.
4. While still wet with product, gently brush surface with a soft bristle-broom
5. Before SCR dries, gently rinse with a garden hose or power wash with a fan-tipped pressure washer.

PREPPING XS PRECAST AND XS FACE

1. Dilute SCR™ 3:1 with water
2. Wet XS piece with water from pump-up sprayer or sponge.
3. Brush or sponge 3:1 diluted product onto vertical edges of XS pieces first.
4. Spray or sponge 3:1 diluted product from acid-resistant pump-up sprayer onto surface.
5. While still wet with product, gently brush surface with a soft bristle brush.
6. Rinse immediately. Do not allow diluted product to stand on the surface.

CLEANING STAMPING TOOLS AND MOLDS

1. Dilute SCR™ 4:1 with water (4 parts water to 1 part SCR™)
2. Dampen stamping tools or molds with water from mist of pump-up sprayer or sponge.
3. Spray 4:1 diluted product from acid-resistant pump-up sprayer onto tools or molds.
4. While still wet with SCR, gently brush surface with a stiff bristle brush.
5. Before SCR dries, completely rinse surface.

**NOTE: stronger dilution rates may be required for adequate profile. Power-troweled concrete may require SCR to be used straight. In some cases, proper surface preparation will require mechanical surface preparation (e.g. grinding, shot blasting), such as for ColorTec™ Coatings, DK Flake, and DK Metallic systems.*

SUITABILITY SAMPLE

Due to condition-specific sites, always prepare an adequate number of test areas. Wear protection system and include aesthetic suitable for products' intended use. On-site sample approval is especially critical for a substantial, heavy traffic situation or custom coloration.

CLEAN-UP

Simply rinse with water.

DISPOSAL

Contact your local government household hazardous waste coordinator for information on disposal of unused product.

LIMITATIONS

- For use by trained professionals who have read the complete SDS.
- SCR™ may be corrosive to some metals. ALL metals should be protected.
- SCR is not the best choice for surface preparation for DK or ColorTec™ coating systems. These systems require a CSP (Concrete Surface Profile) 1-3.
- Hard-troweled concrete surfaces may not achieve the appropriate CSP 1-3 profile by just using SCR alone. In these cases, shot-blasting or grinding is recommended.

WARRANTY

Warranty of this product, when used according to the directions, is limited to refund of purchase price or replacement of product (if defective), at manufacturers' or seller's option. SureCrete LLC shall not be liable for the cost of labor or direct and/or incidental consequential damages.

CAUTIONS

KEEP OUT OF REACH OF CHILDREN. Inhalation: Avoid prolonged breathing of airborne dust, particularly present during mixing. Use a NIOSH approved respirator for nuisance if threshold limit values are unsafe. **Skin Contact:** Skin contact may cause irritation. Remove contaminated clothing and wash affected skin with soap and water. Launder clothing before reuse. If symptoms persist, seek medical attention. **Eyes:** Wear safety eye protection when applying. Contact with eyes may cause irritation. Flush eyes with water for 15 minutes. If symptoms persist, seek medical attention.

PROPERTIES

Appearance	Green liquid
Storage Stability	1 year
Odor	Mint
Application Temperature	32°F – 90°F (0°C – 32°C)

SAFETY DATA SHEETS

The following are links to all available safety data sheets related to this product:

[SCR Safety Data Sheet \(SDS\)](#)

MANUFACTURER PART #'S

1 gallon	SKU# 15104002
5 gallon	SKU# 15104003

VOC REGULATORY COMPLIANCE

AIM	OTC	LADCO	CARB	SCAQMD	CANADA
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

ECO-STAIN™

TECHNICAL DATA SHEET



DESCRIPTION

Eco Stain™ is a semi-transparent, water dilutable, concentrated, micronized pigment for staining unsealed concrete. Zero VOC's allow for use in all areas with stringent VOC laws. Contains no polymers or acrylics. Ease of application and color dependability makes Eco Stain highly desirable when the job matters. UV stable attributes make Eco Stain ideal for all interior or exterior projects.

Typical applications for Eco Stain are concrete and concrete overlay: floors, walls, ceilings, countertops, wall panels, and other architectural elements in both residential and commercial settings. Additionally, Eco Stain can be applied to travertine, pavers and other porous surfaces.

SURFACE PREPARATION

The principles for surface preparation for Eco Stain are aligned with other coloring agents for cement-based products; the substrate must be:

1. Clean: The surface must be free of dust, dirt, oil, grease, paints, glues, sealers, curing agents, stamp tool releases, efflorescence, chemical contaminants, rust, algae, mildew and other foreign matter that may prevent proper absorption. Customarily SCR is appropriate for cleaning. Refer to the [SCR TDS](#). Some cleaning may require other measures that should be evaluated (e.g. grinding, shot blasting).
2. Cured: Eco Stain is best used on cured concrete and cured concrete overlays. One may apply Eco Stain on not fully cured concrete, final color may not be realized until 14–28 days, or once the concrete is fully cured. Eco Stain may be applied to most concrete overlays in 8 hours' time, or once the surface has dried to a uniform moisture level.
3. Sound: No system should be placed on concrete or overlays that are flaking or spalling.
4. Profiled: SCR™ (Super Concrete Renovator) is utilized on every project to properly clean and profile concrete and cement-based overlays. On surfaces mechanically abraded, SCR is still recommended.



Note: Some substrates are excessively porous. Concrete and cement-based overlays that were finished poorly [not closed with a steel trowel], broomed, or are very old may absorb Eco Stain so deeply that little color, if any, is visible. On these projects, the use of Eco Prime is required. See SC Polymer TDS for details on how to make Eco-Prime).

TEMPERATURE/CURE

Eco Stain's ability to dry is based on the evaporation of the water. Hot and sunny weather will allow Eco Stain to dry faster while cool damp conditions will prolong the evaporation process. Airflow will help accelerate dry times in areas such as basements or where air flow is limited.

MIXING & APPLICATION

Eco Stain is available in concentrate, not ready to use format. It must be diluted with water before use. Dilution rates are based upon the type of concentrate used (ie: 32 oz or 128 oz bottles). Turning Eco Stain into the "Standard" color found at <https://www.surecretedesign.com/colorchart> can be found on the dilution charts below. Additionally, Eco Stain can be diluted much further with water, extending coverage rates and the transparency of the stain, if desired.

Creating a "Standard" Color

- Step 1. Shake Eco Stain bottle vigorously for 1 minute before use.

QUICK FACTS

PACKAGING

4 oz. Standard Color (118mL) bottle
32 oz. Concentrate (947 mL) bottle
128 oz. Concentrate (3.8 L) jug

MIX RATIO

See Mixing & Application section.

COVERAGE

200 ft.² at "standard strength" (18.6 m²)
per gallon (3.8 L)

SHELF LIFE

Under normal conditions: when kept dry and moisture free, out of direct sunlight, the shelf life of an unopened container is (12) months from the date of purchase. Storage must be under roof and off the floor. Rotate inventory to maintain the product.

Step 2. Pour the desired amount of Eco Stain in a larger mixing vessel.

Step 3. Turn Eco Stain Concentrate into "Standard Color", by adding clean water (based on the chart below).

STANDARD COLOR CHART

Eco Stain Bottle Type	Water Addition Added	Total "Standard" Color Made
32 oz.	96 oz	1 US Gal (128 oz)
128 oz	512 oz	5 US Gal's (640 oz)
4 oz Sample	N/A	4 oz

Step 4. Add a small portion of the desired water for usage, into Eco stain bottle and shake for 10 – 15 more seconds to ensure all concentrate has been dispersed. Pour into mixing vessel. Stir for 20 seconds.

Step 5. The product is ready to use as a "Standard Color". Apply product as desired

Diluting a "Standard" Color

- Step 1. Shake or stir your Eco Stain "Standard Color".
- Step 2. Measure out the desired amount of Eco Stain by oz.
- Step 3. Add equal parts of clean water to the premeasured Eco Stain.
- Step 4. Shake or stir product for 10-15 seconds.
- Step 5. The product is ready to be used, apply the product as desired.

Based on 32oz Bottle turned into 1 Gallon of Standard Color Eco Stain

DILUTION CHART

Dilution Desired	Standard Color Eco Stain Needed	Water Addition Added	Total Volume Created
1-1	128 oz	128 oz (1 Gal)	2 US Gal's
2-1	128 oz	256 oz (2 Gal)	3 US Gal's
3-1	128 oz	384 oz (3 Gal)	4 US Gal's
4-1	128 oz	512 oz (4 Gal)	5 US Gal's
5-1	128 oz	640 oz (5 Gal)	6 US Gal's
6-1	128 oz	768 oz (6 Gal)	7 US Gal's
7-1	128 oz	896 oz (7 Gal)	8 US Gal's

SLIP RESISTANCE

Eco Stain alone does not affect slip resistance, but the sealer selected to finish the project will influence this matter. Refer to [SureGrip TDS](#) and its accompanying coefficient of friction table to aid in reducing slip fall on exterior surfaces. SureFinish is used to help with interior applications, see [SureFinish TDS](#).

CHOOSING A SEALER

Eco Stain can be sealed with penetrating sealers. Use sealers that comply with the application parameters, such as interior or exterior applica-

tions, UV fastness, and slip resistance. Suitable sealers available from SureCrete are described as follows:

Exterior Sealers

- HS 200 Series
- HS 300 Series
- Super Series

Interior Coatings

- DK 120
- DK 180
- DK 400
- DK 400WB
- DK 500
- DK 600WB

For mixing and application instructions, see the appropriate TDS for above listed choices.

SUITABILITY SAMPLE

Always prepare an adequate number of on-site test areas on the intended substrate to establish aesthetic suitability for products' intended use.

CLEAN-UP

Eco Stain can be cleaned up with water.

DISPOSAL

Contact your local government household hazardous waste coordinator for information on disposal of unused product.

LIMITATIONS

- For use by trained professionals that have read the complete TDS and SDS.
- Raw material supply for the specialized pigments may vary by batch.
- Utilize the same batch of Eco Stain for entire job or "box" multiple batches for consistency.
- Eco Stain can aid in blending concrete, but will NOT hide existing concrete discoloration, blemishes, cracks or other surface problems.
- Eco Stain does not carry a sealant and should not be used as a standalone product.
- Eco Stain sees only porosity and will highlight porosity differences in the surface it is applied to.
- Eco Stain dries a few shades lighter, then when wet, to keep the color enhancement, a color-enhancing sealer or coating MUST be used.
- Hard Troweled surfaces and other surfaces in which the pores are smaller than the pigment in Eco Stain, will cause Eco Stain to dry on the surface.
- If sealer or coating comes off the concrete surface, Eco Stain will also leave as it bonded with the protective film applied.

WARRANTY

Warranty of this product, when used according to the directions, is limited to refund of the purchase price, or replacement of the product (if defective), at manufacturer's/seller's option. SureCrete LLC shall not be liable for the cost of labor or direct and/or incidental consequential damages.

CAUTIONS

KEEP OUT OF REACH OF CHILDREN. Inhalation: Avoid prolonged breathing of airborne dust, particularly present during mixing. Use NIOSH approved respirator for nuisance if threshold limit values are unsafe. Skin Contact: Skin contact may cause irritation. Remove contaminated clothing and wash affected skin with soap and water. Launder clothing before reuse. If symptoms persist, seek medical attention. Eyes: Wear safety eye protection when applying. Contact with eyes may cause irritation. Flush eyes with water for 15 minutes. If symptoms persist, seek medical attention.

SAFETY DATA SHEETS

The following are links to all available safety data sheets related to this product:

[Eco Stain Safety Data Sheet \(SDS\)](#)

MANUFACTURER PART #'S

4 oz. Bottle	SKU# 35102012
32 oz. Bottle	SKU# 35102013
128 oz. Bottle	SKU# 35102052

HS 200LV

PREMIUM Low VOC ACRYLIC



View More Info for this Product at
www.surecretedesign.com/product/stamped-exterior-clear-sealers

HS 200LV

Premium Low VOC Acrylic

DESCRIPTION

HS 200LV is a premium, high performance, single-component silane acrylic, 20% solids, low VOC (400 g/L), sealer designed for concrete or any cement based product. As with most acrylics it is vapor permeable and readily applies outside. However, **HS 200LV** is specially formulated for extreme climates where a low VOC sealer is required. The unique silane formulation creates the nano-sealer technology that deeply penetrates and reacts internally with cement, slowing moisture migration and efflorescence and intensifying bond capacity. Even in warmer climates **HS 200LV's** slower evaporating solvents will not "cotton candy" before the applicator can finish a tight, smooth surface. A single coat application will provide a UV shield, enhance the beauty, and protect the surface of driveways, garage floors, patios, walkways, pool decks, and stucco. Available in a clear gloss or matte finish.

SURFACE PREP

The principles for surface preparation for **HS 200LV** are aligned with other coating systems placed on concrete or cement based products, the substrate must be:

1. Clean: The surface must be free of dust, dirt, oil, grease, paints, glues, non- acrylic sealers, curing agents, efflorescence, chemical contaminants, rust, algae, mildew and other foreign matter that may serve as a bond breaker.

2. Cured: Any concrete must be sufficiently cured to have complete hydration, approximately 28 days depending on temperatures & humidity. Some cement-based products may cure sufficiently within 2 – 3 days.

3. Sound: No system should be placed on concrete or cement-based products that are flaking or spalling. If the surface is delaminating, then diamond grinding, shot blasting, or other mechanical means should be used to remove the delaminating areas.

4. Profiled: Proper profile should follow the standard established by the International Concrete Repair Institute (ICRI) Technical Guideline no. 03732 for Concrete Surface Profile (CSP). The established profile is categorized as CSP-1.

The most common means to properly profile many concrete slabs (especially exterior slabs) is through the use a pressure washer equipped with a turbo-tip and **SCR** (see **SCR** TDS). In one step **SCR** profiles, cleans, and provides a measure of degreasing. Some concrete slabs that are hard troweled may require more aggressive profiling through diamond grinding or shot blasting. Some cement-based products do not require profiling.

Recoats

HS 200LV's silane, acrylic formula creates the premier choice to reseal or refresh an existing decorative concrete project. The surface should be cleaned with a pressure washer and **SCR** (see **SCR** TDS).

a) Any old, loose and flaky sealer that is still present must be removed.



PACKAGING

1 gal. (3.79 L) can
5 gal. (18.9 L) pail
55 gal. (208 L) drum

COVERAGE

Varies upon substrate: approximately 200 - 240 ft² per gal., per coat (18.6 – 22.3 m² per 3.8 L, per coat) 6.7 - 8 mils wet; 1.3 - 1.6 mils cured.

SHELF LIFE

Under normal, moisture free conditions: 2 years for gloss finish, 1 year for matte finish in unopened container.

- Chemically: **Fast-Strip Plus, Enviro-Strip** (see appropriate TDS), or other commercial stripper.
- Mechanically: diamond grinding or shot blasting

b) This product should only recoat an existing solvent based acrylic. Determine a substrate's unknown existing sealer by placing a paper towel saturated with xylene over a small area. Cover the towel with plastic and allow it to remain in place for 15 minutes. Solvent based acrylic may feel slippery to the touch, but water based acrylic turns into a slimy mess that can be scraped off easily.

c) Before recoating, prepare on-site a small test area on the intended substrate to establish compatibility of solvents and avoid blistering and delamination.

d) Recoat applications may be complete with a single coat, always evaluate surface to see if a second coat is needed. Best performance is achieved through thin coat(s).

APPLICATION

Planning

1. Product is flammable. Interior applications, turn off all fuel burning appliances and pilot lights.
2. Provide for ventilation so that vapors do not accumulate.
3. Select appropriate PPE (personal protection equipment). Use of a NIOSH approved respirator may be required. Refer to SDS.

Mask all areas requiring protection.

Temperature / weather

1. Avoid application on extremely cold or hot days or during wet, foggy weather.
2. Apply with ambient and surface temperatures ranging above 50°F (10°C) and below 90°F (32°C) and that will remain within ranges for at least 12 hours following application.
3. Do not apply outside if precipitation is forecast within 24 hours of application.
4. Substrate must be dry throughout all steps.

Mixing (applicable only to matte finish)

Mechanically mix with "Jiffy" style mixer blade for 3 minutes at medium speed for complete dispersal of matting agent. Use caution not to entrain air during mixing. No mixing is required for gloss finish.

First coat

Rolling

1. Utilize a bucket grid to apply in a thin film.
2. Roller covers require a solvent resistant core.
3. The correct nap size varies due to texture. For example ¾" is recommended for heavy textured patterns, while ¼" mohair is recommended for very smooth surfaces.
4. Do not allow puddling.
5. Exercise care to eliminate roller tracks through back rolling.

Airless Spraying

1. Airless sprayer should be capable of a minimum .5 gpm discharge.
2. Tip size should be approximately .015" - .019" with 65° fan.
3. For horizontal surface utilize an 8" - 10" extension.
4. Maintain a wet edge between passes.

Pump-up Sprayer

1. Select solvent resistant sprayer.
2. Select fan or cone tip as preferred that can pass 20% solids product.
3. Have sufficient tips on hand to allow clean-up that will not interrupt application.
4. If necessary, backroll sprayed area to lay product flat.

When first coat is able to be walked on, it may receive a second coat. While many applications are complete with a single coat, always evaluate surface to see if a second coat is needed. For single coat system: Allow 24 hours cure time prior to foot traffic. Allow 72 hours cure time prior to vehicular traffic.

Second Coat

Applies identical to first coat.
Allow 24 hours cure time prior to foot traffic.
Allow 72 hours cure time prior to vehicular traffic.

SLIP RESISTANCE

Two recognized US agencies have issued directives on minimum coefficient of friction, OSHA (Occupational Safety and Health Administration) and Department of Justice through the ADA (Americans with Disabilities Act). ADA is the more stringent of the two. ADA directs that accessible walkways have a minimum coefficient of friction of 0.6. Ramps have been directed to be 0.8. The applicator assumes the responsibility to meet these standards. Areas that may become wet, oily, or greasy require special attention. Refer to **SureGrip (Additive)** TDS and its accompanying coefficient of friction table.

SUITABILITY SAMPLE

Due to condition specific sites, always prepare an adequate number of test areas. Wear protection system and aesthetic suitability for products' intended use should be included. On site sample approval is especially critical on substantial, heavy traffic situation or custom coloration.

CLEAN-UP

Before **HS 200LV** dries; spills and tools can be cleaned up with a solvent such as xylene or acetone.

DISPOSAL

Contact your local government household hazardous waste coordinator for information on disposal of unused product.

LIMITATIONS

- For use by trained professionals that have read the complete SDS.
- Product performs best upon a concrete slab that has no ponding of standing water.
- When masking use caution while taping to a floor that is not completely cured, especially at edges, as delamination may occur.
- Protect from metal wheel traffic and some furniture where point of contact may be damaging.
- Chemicals used in tire manufacturing may be detrimental to all sealers from vehicular parking.

WARRANTY

Warranty of this product, when used according to the directions, is limited to refund of purchase price, or replacement of product (if defective), at manufactures/seller's option. SureCrete Design Products shall not be liable for cost of labor or direct and/or incidental consequential damages.

CAUTIONS

KEEP OUT OF REACH OF CHILDREN. Product is flammable. Avoid sources of ignition. Keep areas ventilated to prevent the accumulation of vapors. **Inhalation:** Use NIOSH approved respirator for organic vapors. **Skin Contact:** Skin contact may cause irritation. Remove contaminated clothing and wash affected skin with soap and water. Launder clothing before reuse. If symptoms persist, seek medical attention. **Eyes:** Wear safety eye protection when applying. If contact occurs, flush eyes with water for 15 minutes, seek medical attention.

DESCRIPTIVE DATA

Appearance (cured)	Clear gloss
Appearance (wet)	Clear
Water Resistance	Excellent, beads water
Mechanical Stability	Excellent
Light Stability	Excellent
Solids	20%
Diluent	Hydrocarbons
Storage Stability	2 years(unopened container)
Odor	Solvent
Application Temperature	50°F - 90°F (10° - 32°C)
Nano Technology	Silane Formulation
VOC content	400 g/L

TEST DATA

Test	ASTM (if applicable)	Results
Blush	4 hr. dry / 18 hr. immersion	No blush
Adhesion	D-3359	
Dry Concrete		Excellent
Wet Concrete		Excellent
QUV accelerated weather testing	G-53	250 hr. – no blistering, no yellowing
Abrasion resistance		12.5 grams loss
Block resistance	D-4946	Excellent
Heat stability @ 120°F (49°C)	D-1849	Excellent
Film formation @ 40°F (4°C)		Passed
Water absorption		2.4 g /m ³
Pencil hardness	D-3363	HB-H
Hot tire pick-up		Passed*

*Under extreme circumstances delaminating could occur. All tire manufacturers were not tested. Chemicals used in tire manufacturing may be detrimental to all sealers from vehicular parking.

CHEMICAL RESISTANCE

TESTING ASTM D-1308	
Transmission fluid	Resistant
Gasoline	Remove immediately
Formula 409	Resistant
Motor oil	Resistant
Brake fluid	Remove immediately

SAFETY DATA SHEETS

The following are links to all available safety data sheets related to this product:

- [sealers-hs-240-sds.pdf](#)

MANUFACTURER PART

1 - gallon can (3.79 L) SKU # 55104071
 5 - gallon pail (18.9 L) SKU # 55104004
 55 - gallon pail (208 L) SKU # 55104010



SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: [Eco-Stain](#)

Product Description: Water Based Concrete Stain

Intended Use: Restorative / decorative coloring cement-based products

Company

Manufacturer: SureCrete Design Products, Inc.

15246 Citrus Country Drive

Dade City, FL 33523

USA

Contact: 1-352-567-7973 (telephone general)

1-800-262-8200 Chemtrec

+1 703-741-5500 Chemtrec International

info@surecretedesign.com (e-mail)

1-352-521-0973 (facsimile)

SECTION 2 Hazards Identification

In accordance with 29 CFR 1910.1200 (Hazcom 2012):

Classification: Not classified as hazardous under any GHS hazard class.

Label Elements:

Hazard Pictograms: Not Applicable

Signal Word: Not Applicable

Hazard Statements: Not Applicable

Precautionary Statements: Not Applicable

Supplemental Information: Skin may discolor due to contact with pigment.

Hazards not otherwise classified: No additional information.

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)
Non Hazardous Micronized Pigments			
Carbon Black	proprietary	ND	0 - <25%
Pigment Blue	proprietary	ND	0 - <50%
Pigment Green	proprietary	ND	0 - <50%
Red (Iron Oxide)	proprietary	ND	0 - <25%
Pigment White	proprietary	ND	0 - <50%
Yellow (Iron Oxide)	proprietary	ND	0 - <25%
Poly(ethylene Glycol)	25322-68-3	ND	<20%
Water	7732-18-5	ND	<80%

The exact percentage of composition has been withheld as a trade secret.



SECTION 4 First Aid Measures

Eye Contact: Rinse with running water for 15 mins. Hold eyelids apart while irrigating.

Skin Contact: Wash affected area thoroughly with soap and water. Wash clothing before reuse.

Inhalation: Move to fresh air. Administer artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Get medical attention immediately. Do not induce vomiting.

SECTION 5 Fire Fighting Measures

Extinguishing Media:

Appropriate: Foam, CO₂, Dry chemical, water fog

Inappropriate: Solid streams of water

Fire Fighting Procedures: Cool containers to prevent pressure buildup and possible explosion when exposed to extreme heat. Full protective equipment, including self-contained breathing apparatus required.

Unusual Fire and Explosion Hazard: Closed containers can explode due to buildup of pressure when exposed to extreme heat.

Hazardous Combustion Products: Smoke, fumes, vapors, oxides of carbon

Flammability Properties

Flash Point (Method): NA

Flammable Limits (Approximate volume % in air): LEL: none UEL: none

Auto ignition Temperature: NA

SECTION 6 Accidental Release Measures

Personal precautions: Evacuate personnel to safe areas. Ventilate area.

Environmental precautions: Prevent entry into waterways.

Methods for clean-up: Small spills may be cleaned up with paper toweling and disposed into approved container. Larger spills absorb onto sand, vermiculite, or any other inert, non-combustible material. Scoop into containers for later appropriate disposal.

SECTION 7 Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Avoid handling of vapor or mist. Do not permit eating, drinking, smoking near material. Remove all potential sources of ignition.

Storage: Keep containers tightly closed, in dry, cool, well ventilated place. Keep out of reach of children.



SECTION 8 Exposure Control / Personal Protection

Exposure limit values: Pertains to abrading, sanding, removing dried film
ACGIH (TWA), 5 mg/m³ (respirable fraction)
OSHA (TWA) 10 mg/m³ (fume)

Occupational exposure controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Respiratory protection: Wear suitable NIOSH approved respirator when spraying product and ventilation is inadequate.

Hand protection: Chemically compatible gloves.

Eye protection: Safety glasses with side shields.

Skin protection: Minimize skin contact with appropriate long-sleeved clothing

Hygiene measures: Observe good industrial hygienic practices. Frequently launder or discard proactive clothing, equipment.

Environmental exposure controls: Emissions from work process equipment should be checked against requirements of appropriate environmental protection legislation. In some cases, alteration to work process equipment may be necessary to reduce emissions to acceptable levels.

SECTION 9 Physical and Chemical Properties

General

Physical state: liquid

Color: varies

Odor: organic citrus

Safety Data

pH: 7.5 – 8.5

Boiling point: >100°C / 212°F

Flash point: NA

Flammable limits (approximate volume % in air): LEL: none UEL: none

Auto-ignition temperature: NA

Vapor density: heavier than air

Water solubility: NA

Specific gravity (water = 1): 1.11

SECTION 10 Stability and Reactivity

Chemical stability: Stable under normal conditions.

Conditions to avoid: Temperature extremes

Materials to avoid: None known

Hazardous decomposition products: By fire, CO and CO₂

Hazardous polymerization: Will not occur



SECTION 11 Toxicological Information

No ingredient in this product is listed as carcinogenic by IARC, NTP, or OSHA.

No LC50 or LD50 data is available

SECTION 12 Ecological Information

Eco-toxicity: This product is not expected to be hazardous to the environment.

Mobility: Not available

Persistence and degradability

Biodegradation: Not available

Atmospheric oxidation: Not available

Bioaccumulation potential: Unlikely to be significant.

SECTION 13 Disposal Considerations

Methods of disposal: This material may be safely incinerated or landfilled in accordance with federal, state, and local environmental control regulations.

Section 14 Transport Information

DOT: This product is not regulated for transport.

ARD/RID: This product is not regulated for transport.

IMDG: This product is not regulated for transport.

IATA: This product is not regulated for transport.

SECTION 15 Regulatory Information

TSCA (USA - Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Inventory (TSCA Inventory) or are exempted from listing because of low volume

SARA Title III (USA – Superfund Amendments and Reauthorization Act)

313 Reportable Ingredients:

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

SECTION 16 Other Information

Recommended restriction: for use by trained professionals, having read the complete SDS



According to Regulation (EC) No. 1907/2006 (REACH), Annex II, Commission Directive 2001/59/EC and REGULATION (EC) No. 1272/2008 (CLP)

To the best of our knowledge the information contained here is accurate. However, neither the above named manufacturer nor any of its distributors assumes any liability whatsoever for the accuracy or the completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

SAFETY DATA SHEET

Page: 1 of 7
Process Time: 9:30 am

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SECTION 1 - IDENTIFICATION

PRODUCT NAME: HS 200LV
PRODUCT CODE: SC-55104071
RECOMMENDED USE: PAINT OR PAINT RELATED MATERIAL

MANUFACTURER: SURECRETE DESIGN PRODUCTS
ADDRESS : 15486 US HWY 301
DADE CITY, FL 33523 USA
TELEPHONE: 352-567-7973 E-mail: safety@fenixspc.com
24 HOUR EMERGENCY PHONE: CHEMTREC 1-800-424-9300

SECTION 2 - HAZARDS IDENTIFICATION

HAZARD RISK CLASSIFICATION

SIGNAL WORD: DANGER

PICTOGRAM:

GHS02 - FLAME GHS05 - CORROSION GHS07 - EXCLAMATION MARK GHS08 - HEALTH
HAZARD GHS09 - ENVIRONMENT

HAZARD CLASS

HAZARD CATEGORY

FLAMMABLE LIQUIDS	CATEGORY 2
ACUTE TOXICITY	CATEGORY 4 DERMAL
ACUTE TOXICITY	CATEGORY 4 INHALATION
ACUTE TOXICITY	CATEGORY 5 ORAL
SKIN CORROSION / IRRITATION	CATEGORY 1
SERIOUS EYE DAMAGE / EYE IRRITATION	CATEGORY 2 AND 2A
GERM CELL MUTAGENICITY	CATEGORY 1 (BOTH 1A AND 1B)
CARCINOGENICITY	CATEGORY 1 (BOTH 1A AND 1B)
TOXIC TO REPRODUCTION	CATEGORY 2
TOXIC TO SPECIFIC TARGET ORGAN	CATEGORY 3
TOXICITY - SINGLE EXPOSURE	
TOXIC TO SPECIFIC TARGET ORGAN	CATEGORY 2
TOXICITY - REPEATED EXPOSURE	
ASPIRATION HAZARD	CATEGORY 1
HAZARDOUS TO THE AQUATIC ENVIRONMENT SHORT-TERM (ACUTE)	ACUTE 1
HAZARDOUS TO THE AQUATIC ENVIRONMENT LONG-TERM (CHRONIC)	CHRONIC 2

HAZARD STATEMENTS:

H225 Highly flammable liquid and vapor
H304 May be fatal if swallowed or enters airways
H314 Causes severe skin burns and eye damage
H319 Causes serious eye irritation.
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H340 May cause genetic defects
H350 May cause cancer.
H361 Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very Toxic to aquatic life

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H411 Toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS:

PREVENTION:

- P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/hot surfaces/sparks/open flames and other sources of ignition. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical / ventilation/lighting/handling equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharge.
P260 Do not breath dusts/fume/gas/mist/vapors or spray.
P264 Wash hands and any exposed area thoroughly after handling.
P270 Do not eat, drink or smoke while using this product.
P271 Use only outdoors or in well-ventilated area.
P281 Use appropriate personal protective impervious gloves/protective clothing/ OSHA approved eye protection/ face protection.

RESPONSE:

- P301+P310 If swallowed: Immediately call a Poison Center / doctor.
P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).
P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 If exposed or concerned: Get medical advice / attention.
P312 Call a POISON CENTER/doctor if you feel unwell.
P321 Specific treatment (see on this label)
P330 Rinse mouth.
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P353 Rinse skin with water (or shower).
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: Use carbon dioxide (CO2), powder, alcohol-resistant foam to extinguish.

STORAGE:

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

DISPOSAL:

- P501 Store separately. Dispose of contents/ container in accordance with local/ regional/national /international regulations.

OTHER HAZARDS: NONE KNOWN

HMIS RATING: H F R PPE
 2* 3 0 I

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SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	WEIGHT PERCENT	EXPOSURE LIMITS		
			OSHA PEL	ACGIH TLV	OTHER
Tertiary Butyl Acetate	540-88-5	25-35		200 PPM	200 PPM
+*^ Xylene, mixed isomers	1330-20-7	23.15		100 PPM	100 PPM STEL 150 PPM
* Aromatic Petroleum Distillates	64742-95-6	5.0-7.5		100 PPM	NA
+ Trimethylbenzene	95-63-6	6.0		25 PPM	25 PPM
+*^ Ethyl Benzene	100-41-4	4.02		100 PPM	100 PPM STEL 125 PPM
Organo functional silane	34396-03-7	2.5-5.0			
* Odorless Mineral Spirits	64741-65-7	2.5-5.0		100 PPM	100 PPM
Cumene	98-82-8			50 PPM	50 PPM
Toluene	108-88-3			100 PPM	50 PPM 150 PPM

* Chemical(s) that are chronic health hazards. Refer to section 3 for further information.

+ Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

^ Hazardous Air Pollutant established by the EPA as directed by the Clean Air Act of 1990.

SECTION 4 - FIRST AID MEASURES

PRIMARY ROUTES OF EXPOSURE:

Skin contact, eye contact, and inhalation.

DESCRIPTION OF FIRST AID MEASURES:

IF ON SKIN: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use. If irritation develops and persists, seek medical attention.

IF IN EYES: Flush with large amounts of water for 15 minutes, lifting upper and lower lids occasionally. If symptoms persist, seek medical attention.

If SWALLOWED: Do not induce vomiting. Immediately administer 1-2 glasses of water and contact a physician, hospital emergency room, or poison control center for further advice. Keep person warm, quiet and seek immediate medical attention. Aspiration of material into lungs can cause severe lung damage. VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

INHALATION: Move affected individual to fresh air. If breathing is difficult, qualified personnel should administer oxygen. If breathing has stopped give artificial respiration. If respiratory symptoms develop or persist, seek medical attention.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

EYES: Contact with eyes may cause irritation including burning, watering, and redness.

SKIN: Contact may cause mild skin irritation including redness, burning, and drying and cracking of skin.

Continued exposure may develop into dermatitis. Solvents can penetrate the skin and cause systematic effects similar to those under inhalation symptoms.

INHALATION: High vapor concentrations are irritating to the eyes and respiratory tract, may cause headaches, dizziness, anesthesia, asthma, drowsiness, unconsciousness, and other central nervous system effects, and possibly death.

INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury.

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CHRONIC HEALTH EFFECTS:

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (Sometimes referred to as Solvent or Painter's Syndrome). Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal. Chronic exposure may also cause damage to the respiratory system, lungs, eyes, skin, gastrointestinal tract, liver, spleen and kidneys. Repeated skin contact may cause persistent irritation or dermatitis.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Conditions aggravated by exposure may include skin disorders, respiratory (asthma-like) disorders, and pre-existing liver or kidney conditions.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

SUITABLE EXTINGUISHING MEDIA:

Foam, CO₂, or dry chemical is recommended. Water spray is recommended to cool or protect exposed materials or structures.

SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Vapors may be ignited by heat, sparks, flames, or other sources of ignition. Vapors are heavier than air and may travel considerable distances to a source of ignition where they may cause a flashback or explosion. If container is not properly cooled, it can rupture in the presence of excessive heat. In the event of fire, harmful vapors including carbonyl monoxide, carbon dioxide, and others may be released.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:

Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Isolate danger area, keep unauthorized personnel out. Water may be ineffective for extinguishment, unless used under favorable conditions by experienced fire fighters. Carbon dioxide can displace oxygen, exercise caution when using CO₂ in confined areas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Evacuate area and keep unnecessary and

unprotected personnel from entering the spill area. Use proper personal protective equipment listed in section 8.

ENVIRONMENTAL PRECAUTIONS: Keep runoff from storm sewers, ditches, streams, lakes and other ground waters and waterways.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:

Contain all spills. Keep all sources of ignition and hot metal surfaces away from spill/release. Use explosion-proof non-sparking equipment. Stay upwind from area. Stop source of release if possible with minimal risk. Spilled material may be absorbed with an appropriate spill kit. Collect into suitable containers and dispose of properly in accordance with all applicable regulations. (See Section 13)

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communication Standard.

Open container slowly to relieve any pressure. Bond and ground all equipment when transferring from one vessel to another. Static charge can accumulate by flow or agitation. Ignition can occur by static discharge. The use of explosion proof equipment is recommended and may be required. The use of respiratory protection is advised when concentrations exceed any established exposure limits and in confined spaces. Use good industrial and personal hygiene practice, wash thoroughly after handling, and do not wear contaminated clothing.

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PRECAUTIONS FOR SAFE STORAGE:

Keep containers tightly closed. Use and store material in cool, dry, well-ventilated areas away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Post "No smoking or open flame" sign. Store only in approved containers. Keep away from incompatible materials (see section 10). Protect containers against physical damage. Indoor storage should meet OSHA standards and appropriate fire codes.

OTHER PRECAUTIONS:

"Empty" containers retain residue, liquid and vapor, and may be dangerous. Do not cut, weld, pressurize, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause severe personal injury or death. All containers should be disposed of in an environmentally safe manner in accordance with all government regulations.

=====**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**=====

CONTROL PARAMETERS: SEE SECTION 3 FOR OCCUPATIONAL EXPOSURE LIMIT VALUES

ENGINEERING CONTROLS: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, electrical systems safe for such locations must be used.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION:

Engineering or administrative controls should be implemented to reduce exposure. A NIOSH/MSHA approved respirator with an organic vapor cartridge should be used under conditions where airborne concentrations are expected to exceed exposure limits (See Section 3). Use a positive pressure air supplied respirator if there is potential for uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

PROTECTIVE GLOVES:

Prevent prolonged or repeated contact by wearing gloves impervious to solvents and other appropriate protective clothing. Launder contaminated clothing before reuse.

EYE PROTECTION:

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

WORK/HYGIENIC PRACTICES:

Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

=====**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**=====

APPEARANCE/PHYSICAL STATE: Liquid

COLOR: Clear (Water white)

ODOR: Hydrocarbon odor

pH: Not Determined

ODOR THRESHOLD: Not measured

SOLUBILITY IN WATER: Insoluble/Negligible

MELTING/FREEZING POINT: Not Determined

BOILING POINT/RANGE: 194 F - 355 F

SPECIFIC GRAVITY (H₂O=1): .91

VAPOR DENSITY: Greater Than Air

EVAPORATION RATE: Not Determined

FLAMMABILITY: Not determined

FLASH POINT: 40 FTCC

VAPOR PRESSURE: Not Determined

UPPER EXPLOSION LIMIT: 7

AUTO-IGNITION TEMPERATURE: Not Determined

LOWER EXPLOSION LIMIT: 0.5%

PARTITION COEFFICIENT: Not Available

DECOMPOSITION TEMPERATURE: Not Available

VISCOSITY: Not Determined

COATING V.O.C.: 586 g/l (4.89 lb/gal)

=====**SECTION 10 - STABILITY AND REACTIVITY DATA**=====

REACTIVITY: Will not occur.

CHEMICAL STABILITY:

Stable under normal conditions and handling.

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POSSIBILITY OF HAZARDOUS REACTIONS:

No hazardous reactions if stored and handled as prescribed/indicated.

CONDITIONS TO AVOID:

All possible sources of ignition.

INCOMPATIBLE MATERIALS:

Avoid exposure to strong oxidizing agents and reducing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Combustion may liberate toxic byproducts such as carbon dioxide, carbon monoxide, various oxides of carbon and nitrogen.

SECTION 11 - TOXICOLOGICAL INFORMATION

SENSITIZATION:

None known.

CARCINOGENICITY:

There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

REPRODUCTIVE TOXICITY:

There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

TERATOGENICITY (BIRTH DEFECTS):

There is no data available to indicate any components present at greater than 0.1% may cause birth defects. Available information indicates that Toluene is NOT teratogenic, but it can be toxic to the embryo and fetus and may reduce fertility. In animal tests, high inhaled doses of Toluene has caused reduced litter sizes, retarded development of the fetus, and increased incidence of non-lethal abnormalities.

MUTAGENICITY:

There is no data to indicate that any component present at greater than 0.1% will alter DNA.

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY:

No data available.

PERSISTENCE AND DEGRADABILITY:

Not readily degradable.

BIOACCUMULATIVE POTENTIAL:

No data available.

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS: Although no information is available for this specific product mixture, individual

components may by themselves may have ecological affects. Trimethylbenzene is a marine pollutant under 49 CFR 172.101.

SECTION 13 - DISPOSAL CONSIDERATIONS

This product is considered a RCRA hazardous waste due to the characteristic(s) of D001 (ignitability). Waste is subject to the land disposal restrictions in 40 CFR 268.40 and may require treatment standards. Consult state and local regulations to determine whether they are more stringent than the federal requirements.

Container contents should be completely used and containers empty prior to discarding. Container rinsate could be considered a RCRA hazardous waste and must be discarded in compliance with all applicable regulations. Larger empty containers, such as drums, should be returned to a professional drum reconditioner. To assure proper disposal of smaller empty containers, consult with state and local regulations and disposal authorities.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: (UN #, SHIPPING NAME, HAZARD CLASS, PACKING GROUP)

UN1139, Coating Solution, 3, II

SECTION 15 - REGULATORY INFORMATION

US TOXIC SUBSTANCE CONTROL ACT (TSCA):

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

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SARA 302 EXTREMELY HAZARDOUS SUBSTANCE: None

SARA 311/312 HAZARDOUS CHEMICAL: See Section 3

SARA 313 (TRI REPORTING):

This product does contain a chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372). See section 3.

STATE LISTED COMPONENTS	CAS NUMBER	STATE CODE
Ethyl Benzene	100-41-4	CA, NJ, PA
Trimethylbenzene	95-63-6	MA, MN, NJ, PA
Cumene	98-82-8	CA, CT, FL, IL, LA, MA, ME, MN, NJ, PA, RI

CALIFORNIA PROPOSITION 65

This product contains a chemical(s) known to the state of California to cause cancer, birth defects or reproductive harm, which are subject to the requirements of California Proposition 65.

Ethylbenzene	CAS #100-41-4	Cancer
Toluene	CAS #108-88-3	Developmental
Cumene	98-82-8	Cancer

=====**SECTION 16 - OTHER INFORMATION**=====

REVISION DATE: 12/05/18

This version replaces all previous versions. The information contained in this SDS and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Although certain hazards are described herein, The Sierra Company, LLC, cannot guarantee that these are the only hazards that exist. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall The Sierra Company, LLC, assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. The Sierra Company, LLC, expressly disclaims any representations and warranties of any kind, whether express or implied, as to the accuracy, completeness, non-infringement, merchantability and/or fitness for a particular purpose with respect to any information and recommendations provided. The Sierra Company, LLC, reserves the right to make any changes to the information and/or recommendations at any time, without prior subsequent notice.

SAFETY DATA SHEET

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Date Printed: 7/18/23

SECTION 1 - IDENTIFICATION

PRODUCT NAME: SCR
PRODUCT CODE: SC-15104002
RECOMMENDED USE: PAINT OR PAINT RELATED MATERIAL

MANUFACTURER: SURECRETE DESIGN PRODUCTS
ADDRESS : 15486 US HWY 301
DADE CITY, FL 33523 USA
TELEPHONE: 352-567-7973 E-mail: safety@fenixspc.com
24 HOUR EMERGENCY PHONE: CHEMTREC 1-800-424-9300

SECTION 2 - HAZARDS IDENTIFICATION

HAZARD RISK CLASSIFICATION

SIGNAL WORD: DANGER

PICTOGRAM:

GHS05 - CORROSION GHS07 - EXCLAMATION MARK

HAZARD CLASS	HAZARD CATEGORY
--------------	-----------------

CORROSIVE TO METALS	CATEGORY 1
SKIN CORROSION / IRRITATION	CATEGORY 1
TOXIC TO SPECIFIC TARGET ORGAN	CATEGORY 3
TOXICITY - SINGLE EXPOSURE	

HAZARD STATEMENTS:

H290	May be corrosive to metal.
H303	May be harmful if swallowed
H314	Causes severe skin burns and eye damage
H335	May cause respiratory irritation

PRECAUTIONARY STATEMENTS:

PREVENTION:

P234	Keep only in original packaging.
P260	Do not breath dusts/fume/gas/mist/vapors or spray.
P264	Wash hands and any exposed area thoroughly after handling.
P280	Wear protective impervious gloves/ OSHA approved eye protection/face protection.
P285	In case of inadequate ventilation wear appropriate organic vapor respiratory protection.

RESPONSE:

P301+P312	If swallowed: Call a Poison Center / doctor if you feel unwell.
P301+P330+P331	If swallowed: Rinse mouth. Do NOT induce vomiting.
P304+P340	If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor/ emergency responder.
P321	Specific treatment (see on this label)
P330	Rinse mouth.
P342+P311	If experiencing respiratory symptoms: Call a Poison

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Center/doctor.

P363 Wash contaminated clothing before reuse.
P390 Absorb spillage to prevent material damage.

STORAGE:

P405 Store locked up.
P406 Store in corrosive resistant/ . . . container with a resistant inner liner.

DISPOSAL:

P501 Store separately. Dispose of contents/ container in accordance with local/ regional/national /international regulations.

OTHER HAZARDS: NONE KNOWN

HMIS RATING: H F R PPE
1 0 0 B

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	WEIGHT		EXPOSURE LIMITS	
		PERCENT	OSHA PEL	ACGIH TLV	OTHER
+*^ Hydrogen Chloride	7647-01-0	5.03		5 PPM	5 PPM

* Chemical(s) that are chronic health hazards. Refer to section 3 for further information.

+ Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

^ Hazardous Air Pollutant established by the EPA as directed by the Clean Air Act of 1990.

SECTION 4 - FIRST AID MEASURES

PRIMARY ROUTES OF EXPOSURE:

Skin contact.

DESCRIPTION OF FIRST AID MEASURES:

EYES: Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention.

SKIN CONTACT: Wash contaminated area with soap and water. Remove and launder contaminated clothing.

INGESTION: If a large amount is ingested, give water or milk and induce vomiting. Seek medical attention.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

EYES: Contact with eyes may result in permanent visual loss unless removed quickly by thorough irrigation with water.

SKIN: Corrosive to skin and mucous membranes. Contact with skin may cause severe irritation and burns. May be absorbed through skin in toxic amounts.

INHALATION: Contact with liquid, mist, or vapor can cause immediate irritation or corrosive burns to all human tissue. Inhalation of concentrated vapor or mist will damage upper respiratory tract and lung tissues.

INGESTION: May be fatal if swallowed in sufficient amounts. Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury.

CHRONIC HEALTH EFFECTS:

Repeated exposure may cause chronic bronchitis or respiratory inflammation. Repeated skin contact with dilute solutions

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may cause dermatitis.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No known effects on other illnesses.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

SUITABLE EXTINGUISHING MEDIA:

This material will not burn in its liquid state unless heated above its flash point. Dried films may burn and can be extinguished by water spray, foam, dry chemical or carbon dioxide.

SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

In the event of fire, harmful vapors including carbone monoxide, carbond dioxide, and others may be released. There is the possibility of pressure buildup in closed containers when heated. Water spray may be used to cool these containers.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:

Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Isolate danger area, keep unauthorized personnel out.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Evacuate area and keep unnecessary and

unprotected personnell from entering the spill area. Use proper personal protective equipment listed in section 8.

ENVIRONMENTAL PRECAUTIONS: Keep runoff from storm sewars, ditches, streams, lakes and other ground waters and

waterways.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:

Contain all spills. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Collect into suitable contaners and dispose of properly in accordance with all applicable regulations. (See Section 13) Rinse affected area thoroughly with water.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communicatin Standard. Wear chemical resistant gloves and protective clothing to minimize contact. The use of respiratory protection is advised when spraying because of mist and dust overspray.

PRECAUTIONS FOR SAFE STORAGE:

Keep from freezing; material may coagulate. The minimum recommended storage temperature is 34F/1C, the maximum recommended storage temperature is 120F/49C. Keep away from incompatable materials (see section 10). Keep containers tightly closed. It is advised that material be used within 1 year of manufacture, rotate stock.

OTHER PRECAUTIONS:

All empty containers should be disposed of in an environmentally safe manner in accordance with all governmental regulations.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS: SEE SECTION 3 FOR OCCUPATIONAL EXPOSURE LIMIT VALUES

ENGINEERING CONTROLS: General room ventilation is adequate.

PERSONAL PROTECIVE EQUIPMENT:

RESPIRATORY PROTECTION:

No special requirements under normal use conditions. In confined areas, or areas with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

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PROTECTIVE GLOVES:

Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing. Launder contaminated clothing before reuse.

EYE PROTECTION:

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

WORK/HYGIENIC PRACTICES:

Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

===== SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES =====

APPEARANCE/PHYSICAL STATE: Liquid

COLOR: Clear (Water white)

ODOR: Characteristic

pH: Not Determined

ODOR THRESHOLD: Not measured

SOLUBILITY IN WATER: Dilutable

MELTING/FREEZING POINT: Not Determined

BOILING POINT/RANGE: n/a

SPECIFIC GRAVITY (H₂O=1): 1.02

VAPOR DENSITY: Greater Than Air

EVAPORATION RATE: Not Determined

FLAMMABILITY: Not determined

FLASH POINT: No flashn/a

VAPOR PRESSURE: Not Determined

UPPER EXPLOSION LIMIT: n/a

AUTO-IGNITION TEMPERATURE: Not Determined

LOWER EXPLOSION LIMIT: n/a

PARTITION COEFFICIENT: Not Available

DECOMPOSITION TEMPERATURE: Not Available

VISCOSITY: Not Determined

COATING V.O.C.: 0 g/l (0.0 lb/gl)

===== SECTION 10 - STABILITY AND REACTIVITY DATA =====

REACTIVITY: Will not occur.

CHEMICAL STABILITY:

Stable under normal conditions and handling.

POSSIBILITY OF HAZARDOUS REACTIONS:

No hazardous reactions if stored and handled as prescribed/indicated.

CONDITIONS TO AVOID:

None known

INCOMPATIBLE MATERIALS:

Highly reactive with most metals - produces flammable hydrogen. Reactions with alkalis and active metals generate an exotherm. Mixing with strong oxidizers can produce poisonous chlorine gas. Reacts with cyanides to produce hydrogen cyanide and with sulfides producing hydrogen sulfide.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Combustion may liberate toxic byproducts such as carbon dioxide, and carbon monoxide, various oxides of carbon and nitrogen. Thermal decomposition may liberate acrylic monomers and ammonia. Explosive hydrogen gas is generated by the action of acid on most metals. Chlorine gas is released when acid is mixed with strong oxidizers. Reacts with formaldehyde to product bischloromethyl ether, on OSHA regulated carcinogen.

===== SECTION 11 - TOXICOLOGICAL INFORMATION =====

SENSITIZATION:

None known.

CARCINOGENICITY:

There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

REPRODUCTIVE TOXICITY:

There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

TERATOGENICITY (BIRTH DEFECTS):

There is no data available to indicate any components present at greater than 0.1% may cause birth defects.

MUTAGENICITY:

There is no data to indicate that any component present at greater than 0.1% will alter DNA.

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SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY:

No data available.

PERSISTENCE AND DEGRADABILITY:

Not readily degradable.

BIOACCUMULATIVE POTENTIAL:

No data available.

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS: No known effects or critical hazards. No data available. This product is an acidic and corrosive. It can be neutralized with lime.

SECTION 13 - DISPOSAL CONSIDERATIONS

Material is considered a hazardous waste under RCRA due to pH (less than or equal to 2 or greater than or equal to 12.5). Spills may be reportable to state and federal agencies under the Clean Water Act. Comply with all federal, state, and local environmental regulations concerning disposal.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: (UN #, SHIPPING NAME, HAZARD CLASS, PACKING GROUP)

UN1789, Hydrochloric Acid Solution, 8, II

SECTION 15 - REGULATORY INFORMATION

US TOXIC SUBSTANCE CONTROL ACT (TSCA):

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE: None

SARA 311/312 HAZARDOUS CHEMICAL: See Section 3

SARA 313 (TRI REPORTING):

This product does contain a chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372). See section 3.

STATE LISTED COMPONENTS	CAS NUMBER	STATE CODE
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CALIFORNIA PROPOSITION 65

This product does not contain a chemical known to the state of California to cause cancer, birth defects or reproductive harm, subject to the requirements of California Proposition 65.

SECTION 16 - OTHER INFORMATION

REVISION DATE: 11/30/18

This version replaces all previous versions. The information contained in this SDS and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Although certain hazards are described herein, The Sierra Company, LLC, cannot guarantee that these are the only hazards that exist. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall The Sierra Company, LLC, assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. The Sierra Company, LLC, expressly disclaims any representations and warranties of any kind, whether express or implied, as to the accuracy, completeness, non-infringement, merchantability and/or fitness for a particular purpose with respect to any information and recommendations provided. The Sierra Company, LLC, reserves the right to make any changes to the information and/or recommendations at

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any time, without prior subsequent notice.