

# THANK YOU

FOR CHOOSING



BEFORE BEGINNING ANY PROJECT, PLEASE REVIEW THE ENCLOSED TRAINING AND MATERIALS PACKET IN FULL, INCLUDING:



## 1-2-3

AND REVIEW THE STEP-BY-STEP INSTRUCTIONAL VIDEO ANYTIME AT:  
[HTTPS://DIYCONCRETE.COM/COLLECTIONS/REPAIR-MY-UGLY-CONCRETE](https://diyconcrete.com/collections/repair-my-ugly-concrete)

# REPAIR MY UGLY CONCRETE

IT'S HARD TO IMAGINE ANYTHING STRONGER THAN CONCRETE, BUT WE DID, AND THAT'S OUR CONCRETE OVERLAY! NOT ONLY DOES IT HAVE HIGHER COMPRESSIVE STRENGTH THAN THAT OF CONCRETE ITSELF; IT WILL ALSO MAKE OLD, WEATHERED SURFACES LOOK BRAND NEW WITHOUT THE HASSLE OR EXPENSE OF REPLACEMENT. USE THESE THREE SIMPLE-TO-USE PRODUCTS TO GIVE YOUR EXISTING CONCRETE AN INSTANT FACE LIFT - AND AN ATTITUDE TO MATCH!



DIFFICULTY RATING



1-2-3 PREP • RESURFACE • SEAL

**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 GAL)
- (2) SUREBROOM BROOMABLE OVERLAY (50 LB BAG)
- (1) BRIGHT SEAL WB WATER-BASED ACRYLIC (1 GAL)
- \*OPTIONAL\* SC COLOR PACK (0.5 LB)

## TOOL KIT:

- (1) 1-GALLON PLASTIC PUMP-UP SPRAYER
- (1) 9" PAINT TRAY
- (1) 9" ROLLER FRAME/COVER
- (1) MIXING PADDLE
- (1) LATEX GLOVES
- (1) SAFETY GLASSES
- (1) 2" PAINTER'S TAPE
- (1) 3" PUTTY KNIFE/SCRAPER
- (1) 5-GALLON BUCKET
- (1) 14" MAGIC TROWEL/FLOOR SQUEEGEE
- (1) 12" SCRUB BRUSH
- (1) FINISH BROOM
- (1) EXTENDABLE BRUSH/ROLLER/BROOM HANDLE

## STEP 1: PREP & CLEAN

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.
4. TAPE OFF EXPANSION JOINTS THAT HAVE FOAM OR FELT BOARD IN THE JOINT WITH PAINTER'S TAPE TO ENSURE THE SUREBROOM PRODUCT DOES NOT COAT THIS MATERIAL...IT WILL EVENTUALLY FLAKE OFF OTHERWISE.
5. FOR MINOR CRACKS, YOU CAN MIX UP A SMALL AMOUNT OF SUREBROOM TO A STIFF, PEANUT BUTTER CONSISTENCY AND SPREAD THAT MATERIAL OVER THE CRACK. LIGHTLY DAMPEN THE SURFACE AND WORK THE MATERIAL INTO THE CRACK USING A PLASTIC SPATULA OR SMALL TROWEL. SCRAPE EXCESS MATERIAL OFF SO IT DOESN'T SHOW UP UNDERNEATH THE FINISH.

## SCR CLEANER/DEGREASER (1 GAL)

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 THOROUGHLY RINSE OFF THE CONCRETE AND ALLOW TO DRY.



THIN LAYER OF MATERIAL IN THE JOINT, HOWEVER NOT FILL THEM UP.

5. ONCE THE BASE COAT HAS DRIED SUFFICIENTLY THAT YOU CANNOT PRESS INTO IT WITH YOUR FINGERNAIL, SCRAPE OFF ANY HIGH OR THICK SPOTS WITH A SCRAPER OR RUBBING BRICK.
6. WAIT 4-6 HOURS AND APPLY SECOND COAT. REMEMBER TO MIX AT 6.5 QUARTS OF WATER PER 50 LB BAG OF SUREBROOM.
7. IF A BROOM FINISH IS DESIRED, SPREAD THE MATERIAL WITH A BROOM, FINISHING WITH A CONSISTENT NORTH-SOUTH OR EAST-WEST PATTERN TO ACHIEVE A UNIFORM BROOM FINISH.
8. PUSH EXCESS MATERIAL OFF EDGES AND DISPOSE OF.
9. LET DRY OVERNIGHT.

## STEP 2: REPAIR SUREBROOM BROOMABLE OVERLAY (50 LB BAG)

1. WATER DEMANDS FOR SUREBROOM WILL VARY BASED ON APPLICATION AND DESIRED TEXTURE. APPROXIMATE WATER DEMAND FOR A 50 LB BAG IS 4 QUARTS FOR THE BASE COAT AND 6.5 QUARTS FOR THE BROOM COAT.
2. COMBINE WATER AND SUREBROOM IN A CLEAN BUCKET AND MIX USING AN ELECTRIC DRILL EQUIPPED WITH A MIXING PADDLE FOR TWO MINUTES. ADD WATER AS NEEDED TO ACHIEVE A THICK PAINT CONSISTENCY. WHEN THOROUGHLY MIXED, ALLOW MATERIAL TO SIT FOR A FEW MINUTES TO FULLY ACTIVATE BEFORE APPLYING.
3. SCRAPE OFF ANY MATERIAL THAT IS CLINGING TO THE EDGES OF THE BUCKET AS IT COULD INTERFERE WITH CONSISTENCY OF THE MATERIAL AND QUALITY OF APPLICATION, AND THEN MIX FOR AN ADDITIONAL 30 SECONDS.
4. LIGHTLY DAMPEN THE SUBSTRATE WITH WATER AND APPLY SUREBROOM USING A MAGIC TROWEL. ENSURE A SMOOTH EVEN COAT, PUSHING EXCESS MATERIAL OFF EDGES AND CLEANING UP AFTER YOU HAVE COMPLETED APPLYING THE BASE COAT. ALSO BE SURE TO BRUSH THE MATERIAL OUT OF THE CONTROL JOINTS AS YOU GO. YOU SHOULD STRIVE TO GET A UNIFORM,



## STEP 3: SEAL/PROTECT BRIGHT SEAL WB WATER-BASED ACRYLIC (1 GAL)

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 TO DRY AND APPLY SECOND COAT.
5. ALLOW TO DRY.



### NEED MORE HELP?

REVIEW THE STEP-BY-STEP INSTRUCTIONAL VIDEO ANYTIME AT:

[HTTPS://DIYCONCRETE.COM/COLLECTIONS/TURN-MY-SHEETROCK-INTO-CONCRETE](https://diyconcrete.com/collections/turn-my-sheetrock-into-concrete)

SUBMIT YOUR PROJECT PHOTOS TO [PROJECTS@DIYCONCRETE.COM](mailto:PROJECTS@DIYCONCRETE.COM) AND RECEIVE A

**FREE GIFT CARD**

TO USE TOWARDS YOUR NEXT PROJECT!



# SCR™ CLEANER/DEGREASER

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. 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 FOR APPLICATION OF OVERLAYS, STAINS, DYES AND ACRYLIC SEALERS.

## 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 PRE-MEASURED 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: 1:1 EQUALS 1-PART WATER TO 1-PART SCR.

## 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.

## QUICK FACTS

### MIXING RATIO

VARIABLES BY APPLICATION: NO DILUTION TO 4:1  
(4-PARTS WATER TO 1-PART SCR™)

### COVERAGE

VARIABLES UPON SUBSTRATE AND DILUTION RATIOS:  
250-500 SQUARE FEET PER GALLON  
(14 M<sup>2</sup> 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.



## SCR CLEANER/DEGREASER



### **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 A STIFF BRUSH.
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 BRISTLEBROOM
5. BEFORE SCR DRIES, GENTLY RINSE WITH A GARDEN HOSE OR POWER WASH WITH A FAN-TIPPED PRESSURE WASHER.

### **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**

- TO BE USED ONLY BY INDIVIDUALS WHO HAVE THOROUGHLY REVIEWED THE INSTRUCTIONAL VIDEO, CORRESPONDING TECHNICAL DATA AND SAFETY DATA SHEETS.
- SCR™ MAY BE CORROSIVE TO SOME METALS. ALL METALS SHOULD BE PROTECTED.
- HARD-TROWELED CONCRETE SURFACES MAY NOT ACHIEVE THE APPROPRIATE CSP 1-3 PROFILE BY JUST USING SCR ALONE. IN THESE CASES, SHOTBLASTING OR GRINDING IS RECOMMENDED.



SCR  
CLEANER/DEGREASER



**CAUTIONS**

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. LAUNDRY 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. CLEANING STAMPING TOOLS AND MOLDS.

**KEEP OUT OF REACH OF CHILDREN**

**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.



# SUREBROOM BROOMABLE OVERLAY

SUREBROOM™ IS DESIGNED TO RESURFACE HIGH-TRAFFIC CONCRETE SURFACES WITHOUT COMPROMISING COLOR, DESIGN, OR TEXTURE. SUREBROOM IS A PROPRIETARY, SINGLE-COMPONENT, SELF-BONDING, CEMENTITIOUS OVERLAYMENT SUREBROOM CAN TRANSFORM OLD, SPALLED, OR WORN-DOWN CONCRETE BY ELIMINATING SURFACE DEFECTS, INCREASING WEARABILITY AND COEFFICIENT OF FRICTION (COF).

ALTHOUGH SUREBROOM WAS DESIGNED TO RENOVATE BROOMED CONCRETE EXTERIOR SURFACES, A VARIETY OF TEXTURES AND DESIGNS CAN BE ACHIEVED FOR EXTERIOR FLATWORK OR INTERIOR FLOORS:

- BROOM
- STIPPLE (BUBBLE FINISH)
- SWIRL
- WOOD GRAIN
- SPONGE FLOAT
- EURO-TEXTURE (SLOP TROWEL)

SUREBROOM IS FORMULATED AND OPTIMIZED FOR EXTERIOR APPLICATIONS SUCH AS DRIVEWAYS, GARAGE FLOORS, RAMPS, STAIRWELLS, AND WALKWAYS WHERE HEAVY FOOT OR VEHICULAR TRAFFIC ARE PRESENT. WHEN SUREBROOM IS PROPERLY APPLIED AND SEALED, IT WILL PRODUCE AN ATTRACTIVE HIGH-STRENGTH WEAR SURFACE WITH A LONG LIFECYCLE AND LOW MAINTENANCE REQUIREMENTS.

SUREBROOM IS USUALLY APPLIED BY TROWEL AND FINISHED WITH A BROOM. SUREBROOM MAY ALSO BE INTEGRALLY COLORED USING SC COLOR PACKS. REFER TO THE SC COLOR PACK TDS FOR MORE INFORMATION.

### SURFACE PREP:

THE PRINCIPLES FOR SURFACE PREPARATION FOR SUREBROOM ARE ALIGNED WITH CEMENT-BASED OVERLAYS PLACED ON CONCRETE AND REMAIN CONSTANT. THE SUBSTRATE MUST BE:

**1. CLEAN:** THE SURFACE MUST BE FREE OF DUST, DIRT, OIL, GREASE, PAINTS, GLUES, 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 SUFFICIENT HYDRATION, APPROXIMATELY 7 TO 14 DAYS DEPENDING ON TEMPERATURES AND HUMIDITY.



### QUICK FACTS

COLOR  
GRAY

MIXING RATIO  
4 TO 6.5 QUARTS (3.8 - 6.2 LITER) WATER TO ONE  
50-POUND BAG

COVERAGE  
ONE 50-POUND (22.7 KG) BAG OF SUREBROOM™ =  
APPROXIMATELY 0.46 FT<sup>3</sup>  
BASE COAT = 100 TO 180 FT<sup>2</sup>  
FINISH COAT = 150 TO 250 FT<sup>2</sup>\*

\*NOTE: FINISH COAT COVERAGE RANGE VARIES ON DESIRED TEXTURE BEING CREATED.

### 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. STORAGE MUST BE UNDER ROOF AND OFF THE FLOOR. AVOID TEMPERATURE EXTREMES.





## SUREBROOM BROOMABLE OVERLAY



**3. SOUND:** NO SYSTEM SHOULD BE PLACED ON CONCRETE THAT IS FLAKING, SPALLING, OR HAS HIBERNATING SPALLING.

**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 REQUIRED PROFILE IS A CSP-2 THROUGH CSP-4.

NOTE: THE MOST COMMON MEANS TO PROFILE MANY CONCRETE SLABS (ESPECIALLY EXTERIOR SLABS) IS THROUGH THE USE A PRESSURE WASHER EQUIPPED WITH A TURBO-TIP AND THE USE OF SCR (SEE SCR TDS). SOME CONCRETE SLABS THAT ARE HARD TROWELED OR THAT ARE NOT SOUND MAY REQUIRE MORE AGGRESSIVE PROFILING THROUGH DIAMOND GRINDING OR SHOT BLASTING.

### PATCHING & CRACK TREATMENT:

ONCE PROPER SURFACE PREPARATION HAS BEEN ACHIEVED BY EITHER MECHANICAL OR CHEMICAL TECHNIQUES, PATCHING AND CRACK TREATMENT CAN BE ADDRESSED. THE PROPER PATCH CHOICE IS DETERMINED BY THE DEPTH OF THE PATCH AND SPEED OF CURE.

PATCHING OF HAIRLINE CRACKS BE DONE BY TREATING WITH A THICKER CONSISTENCY OF SUREBROOM. CONTACT OUR TECHNICAL SUPPORT FOR ADDITIONAL CRACK TREATMENT METHODS.

NEVER BRIDGE ANY JOINT IN CONCRETE. CONSTRUCTION JOINTS ARE DESIGNED TO MOVE AND WILL TELEGRAPH THROUGH CRACK TREATMENT, PATCHING MATERIALS, AND SUREBROOM APPLICATIONS.

### TEMPERATURE/CURE:

AIR AND SUBSTRATE SURFACE TEMPERATURES SHALL REMAIN BETWEEN 50°F (10°C) AND 90°F (32°C) DURING AND WITHIN 48 HOURS OF PLACEMENT.

NO PRECIPITATION SHOULD OCCUR DURING OR WITHIN 48 HOURS OF PLACEMENT.

AVOID HIGH HEAT AND/OR WINDY CONDITIONS. ATTEMPT TO MINIMIZE APPLICATION DURING SUCH HARSH CONDITIONS BY WORKING DURING COOLER HOURS. KEEP MATERIALS SHADED PRIOR TO MIXING, RUNNING WATER UNTIL COOL, AND SETTING UP TEMPORARY WALLS FOR WIND BLOCKS. THE USE OF A SURFACE DELAY OR EVAPORATION RETARDER MAY AID THESE ENVIRONMENTAL SITUATIONS.

INTERIOR APPLICATIONS AND COOL, SHADED AREAS WILL TAKE SIGNIFICANTLY LONGER TO CURE.

THIS PRODUCT WILL CURE SIMILAR TO CONCRETE. DEPENDING ON WEATHER CONDITIONS, IT MAY ACHIEVE INITIAL SET WITHIN 4 TO 6 HOURS. LIKE CONCRETE, FULL CURE IS REACHED AT 28 DAYS.

### MIXING AND APPLICATION

#### MIXING

DUE TO SUREBROOM'S DIVERSE APPLICATIONS AND TEXTURES, THERE CAN BE A SIGNIFICANT DIFFERENCE IN WATER DEMAND BETWEEN SYSTEMS. ADDITIONALLY, POROSITY OF SUBSTRATE AND ENVIRONMENTAL CONDITIONS WILL AFFECT WATER

DEMAND. APPROXIMATE WATER DEMANDS FOR SUREBROOM (50-POUND BAG) IS 4 TO 6.5 QUARTS (3.8 - 6.2 L) OF CLEAN WATER. WHILE WATER DEMANDS VARY, THE STEPS FOR MIXING REMAIN CONSTANT:

1. CAREFULLY MEASURE NEEDED CLEAN WATER AND POUR INTO A 5-GALLON (18.9L) PAIL.

2. IF COLOR IS DESIRED, USE ONE (1) SC COLOR PACK PER 50-POUND BAG OF SUREBROOM. OPEN SC COLOR AND POUR ALL THE CONTENTS INTO THE CLEAN WATER IN THE 5-GALLON PAIL.

3. THOROUGHLY MIX THE SC COLOR INTO THE WATER, WITH A HANDHELD CONCRETE MIXER EQUIPPED WITH A "CAGE MIXING BLADE", ON LOW SPEED FOR A MINIMUM OF 15 SECONDS.

4. SLOWLY INTRODUCE SUREBROOM INTO THE PAIL WHILE THE MIXER IS RUNNING.

5. AFTER ALL SUREBROOM HAS BEEN ADDED TO THE PAIL, SCRAPE SIDE OF PAIL WITH A MARGIN TROWEL TO ENSURE ALL DRY PRODUCT IS INCORPORATED INTO THE WET MIX.

6. CONTINUE TO MIX FOR A MINIMUM OF ONE MINUTE AFTER ALL INGREDIENTS ARE COMBINED TO ACHIEVE A LUMP-FREE CONSISTENCY. ADDITIONAL WATER CAN BE ADDED AT THIS TIME, WITH TOTAL WATER DEMAND NOT EXCEEDING 6.5 QUARTS.

### APPLICATION

NOTE: ON LARGER PROJECTS THE USE OF A MORTAR MIXER IS ALLOWED FOR THE PROPER MIXING OF SUREBROOM. CAREFUL CONSIDERATION SHOULD BE GIVEN TO ENSURE WATER AND COLOR PACKS ARE PROPERLY MEASURED TO THE EXACT BAGS OF SUREBROOM BEING MIXED (AS MENTIONED IN STEPS 1-6 UNDER MIXING).

ALL SUREBROOM APPLICATIONS ARE RECOMMENDED TO HAVE A TWO-COAT SYSTEM, COMPRISED OF A BASE COAT AND A FINISH COAT. IF SC COLOR IS GOING TO BE USED, IT SHOULD BE ADDED TO BOTH COATS FOR THE MOST ACCURATE FINISH COLOR.

### BASE COAT

LIGHTLY DAMPEN THE SUBSTRATE AND APPLY SUREBROOM USING A MAGIC TROWEL. THE INTENT OF THE BASE COAT IS TO CREATE A UNIFORM SUBSTRATE WHICH WILL ALLOW FOR THE FINISH COAT TO ACHIEVE THE DESIRED TEXTURE AND FINISH.

### FINISH COAT

THE FINISH COAT FOR SUREBROOM SHOULD BE APPLIED BY BROOM. THE INTENT OF THE FINISH COAT IS TO CREATE THE DESIRED TEXTURE AND FINISH.

1. THE BASE COAT SHOULD BE DRIED LONG ENOUGH SO THAT IT IS A UNIFORM MOISTURE LEVEL AND CAN BARE THE WEIGHT OF THE APPLICATOR. APPROXIMATELY 4 TO 6 HOURS, DEPENDING ON ENVIRONMENTAL CONDITIONS (TEMPERATURE, WIND, HUMIDITY, DIRECT SUNLIGHT).





## SUREBROOM BROOMABLE OVERLAY



2. SCRAPE THE FLOOR OR USE A RUBBING STONE TO ELIMINATE ALL UNWANTED ROUGH EDGES AND OR MATERIAL STANDING TALLER THAN DESIRED. SWEEP FLOOR SO THAT IT IS FREE OF ALL LOOSE CONTAMINANTS.

### SEALING

TO COMPLETE THE SUREBROOM PROJECT, SEALING IS REQUIRED. FOLLOW THE APPLICATION TECHNIQUES FROM THE TDS OF THE SELECTED SEALING CHOICE.

### SLIP RESISTANCE

EVERY SUREBROOM PROJECT SHOULD BE ENGINEERED WITH SAFETY IN MIND. GUIDELINES CAN BE FOUND FROM OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION) AND THE ADA (AMERICANS WITH DISABILITIES ACT). THE APPLICATOR ASSUMES RESPONSIBILITY TO MEET THESE STANDARDS. THE ADA DIRECTS THAT ACCESSIBLE WALKWAYS HAVE A MINIMUM COF (COEFFICIENT OF FRICTION) OF 0.6. ON RAMPS, THE ADA DIRECTS THAT IT SHOULD BE 0.8. ACHIEVING THESE COF RANGES CAN BE DONE IN ONE OF TWO WAYS: TEXTURE CREATED BY THE CEMENTITIOUS OVERLAY OR THE USE OF A GRIPPING AGENT (SEE TDS FOR SUREGRIP) WITHIN DESIRED SEALER OR COATING. ON THE TDS FOR SUREGRIP YOU WILL FIND A COF CHART. SURECRETE WILL HELP GUIDE AND DESIGN FLOOR SYSTEMS TO ACHIEVE NEEDED COF ON COMMERCIAL AND INDUSTRIAL PROJECTS.

### SUITABILITY SAMPLE

DUE TO CONDITION SPECIFIC SITES, ALWAYS PREPARE AN ADEQUATE NUMBER OF TEST AREAS. WEAR PROPER PROTECTION SYSTEM AND INCLUDE AESTHETIC SUITABLE FOR PRODUCTS' INTENDED USE. ONSITE SAMPLE APPROVAL IS ESPECIALLY CRITICAL IN A SUBSTANTIAL, HEAVY TRAFFIC SITUATION OR WITH CUSTOM COLORATION.

### CLEANUP

BEFORE SUREBROOM™ DRIES, CLEAN SPILLS AND TOOLS WITH WATER.

### LIMITATIONS

• TO BE USED ONLY BY INDIVIDUALS WHO HAVE THOROUGHLY REVIEWED THE INSTRUCTIONAL VIDEO, CORRESPONDING TECHNICAL DATA AND SAFETY DATA SHEETS.

- SUREBROOM™ IS FORMULATED FOR USE OVER CONCRETE THAT IS STRUCTURALLY SOUND, NON-MOVING, AND THOROUGHLY CLEAN.
- SUREBROOM™ FLOOR SYSTEM REQUIRES A SEALER OR COATING. THE LIMITATIONS OF CHOSEN SEALER/COATING CAN HAVE AN EFFECT ON FINISHED SYSTEM. REFER TO THE TDS OF CHOSEN SEALER/COATING.
- SUREBROOM™ MUST NOT BE USED IN AREAS SUBJECT TO HYDROSTATIC PRESSURE, ACTIVE WATER LEAKS, OR CONTINUOUS WATER IMMERSION.
- SUREBROOM™ AS WITH MOST CEMENT-BASED PRODUCTS WILL HAVE CRACKS OR JOINTS IN THE SUBSTRATE REFLECT THROUGH.
- ALL SUBSTRATE JOINTS SHOULD BE HONORED AND EXTENDED UP THROUGH THE FULL DEPTH OF THE SUREBROOM™. THE INSTALLATION MUST BE ENGINEERED TO ALLOW FOR EXPANSION AND CONTRACTION OF BOTH THE SUBSTRATE AND THE SUREBROOM™.
- SUREBROOM™ BY ITSELF, IS NOT DESIGNED TO WITHSTAND HARSH CHEMICALS.

### 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. LAUNDRY 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.

### 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.



# BRIGHT SEAL WB WATER-BASED ACRYLIC

BRIGHT SEAL WB IS AN ACRYLIC, WATERBORNE, NON-YELLOWING, HIGH SOLIDS SEALER FOR COLORED AND DECORATIVE CONCRETE. TK-BRIGHT SEAL WB BRINGS OUT THE "WET LOOK" AND HIGHLIGHTS THE NATURAL PIGMENTS IN THE SURFACE, ALL WHILE PROTECTING IT AGAINST ABRASION AND DAMAGE.



## FEATURES

- DRIES CLEAR WITH THE GLOSSY "WET LOOK" FINISH SOUGHT AFTER FOR DECORATIVE CONCRETE SURFACES.
- HIGHLIGHTS COLORED AND DECORATIVE SURFACES.
- UV STABLE
- SEALS, PROTECTS AND DUSTPROOFS.
- IDEAL FOR USE ON INTERIOR SURFACES WHERE HARSH SOLVENT BASED SYSTEMS CAN NOT BE TOLERATED.

## USES

SUITABLE FOR INTERIOR OR EXTERIOR USE ON NEW OR EXISTING CONCRETE FLOORS, WALLS, COLUMNS, PAVERS, BURNISHED BLOCK OR EXPOSED AGGREGATE.

## SURFACE PREPARATION

BRIGHT SEAL WB IS READY FOR USE. DO NOT DILUTE. SURFACES MUST BE CLEAN, DRY AND FREE OF FOREIGN CONTAMINANTS. SWEEP OR VACUUM TO REMOVE DIRT OR DUST, OR USE A CHEMICAL CLEANER TO CLEAN THE SURFACE OF OILS, GREASE, STAINS, WAX OR POLISH. CURING COMPOUNDS AND SEALERS SHOULD BE REMOVED WITH A SOLVENT AS THEY COULD INHIBIT THE DEVELOPMENT OF THE "WET LOOK" WHEN APPLYING TK-BRIGHT SEAL WB. RINSE THOROUGHLY AND ALLOW SURFACE TO FULLY DRY.

A TEST PANEL MOCK-UP SHOULD BE PERFORMED PRIOR TO PROJECT START UP TO DETERMINE COVERAGE RATES, PROPER APPEARANCE AND RESULTS. APPLY ENOUGH BRIGHT SEAL WB TO SATISFY THE POROSITY OF THE SUBSTRATE WHILE LEAVING A THIN FILM ON THE SURFACE.

## MIXING & APPLICATION

POUR MATERIAL INTO A CLEAN ROLLER PAN. CUT IN ALONG EDGES USING A SMALL ROLLER OR BRUSH TO CREATE A CLEAN LINE AND AVOID MATERIAL GETTING ONTO SURROUNDING SURFACES. 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. ALLOW TO DRY BEFORE APPLYING A SECOND COAT AND ALLOWING THAT TO DRY.

## QUICK FACTS

VOC CONTENT  
< 100 G/L

COVERAGE  
300-500 FT<sup>2</sup>/GALLON  
DEPENDING ON POROSITY OF THE SURFACE

COLOR  
CLEAR

SHELF LIFE  
SHELF LIFE IS APPROXIMATELY 2 YEARS IN UNOPENED CONTAINER

DRY TIME:  
1-2 HOURS TACK FREE  
4-12 HOURS OPEN TO TRAFFIC





## BRIGHT SEAL WB WATER-BASED ACRYLIC



FOR VERTICAL SURFACES: FOR BEST RESULTS, APPLY WITH AN AIRLESS SPRAYER AND BACK ROLL. APPLY IN A UNIFORM MANNER AT THE SPECIFIED APPLICATION RATE, TAKING CARE TO AVOID LAP MARKS. USE NATURAL BREAK POINTS, SUCH AS CUTS AND JOINTS AS STOPPING POINTS WHENEVER POSSIBLE. **DO NOT OVER APPLY.**

### CLEAN UP

USE SOAP AND WATER BEFORE THE MATERIAL HAS DRIED. IF THE MATERIAL IS ALREADY DRY, USE MEK (METHYL ETHYL KETONE) TO REMOVE.

### COVERAGE

SURFACE	COVERAGE
EXPOSED AGGREGATE	300-500 SQ FT/GAL
BROOMED FINISH	300-500 SQ FT/GAL
TROWELED FINISH	300-500 SQ FT/GAL
SECOND COAT (IF NECESSARY)	300-500 SQ FT/GAL

COVERAGE RATES ARE PROVIDED AS A GUIDELINE ONLY. MANY FACTORS, INCLUDING SURFACE TEXTURE, POROSITY AND WEATHER CONDITIONS WILL DETERMINE ACTUAL COVERAGE RATES.

### MAINTENANCE

ANY STAINS OR SPILLS SHOULD BE REMOVED AS SOON AS POSSIBLE. BRIGHT SEAL WB MAY BE REAPPLIED TO AREAS THAT ARE WORN OR WHERE SPILLS HAVE REMOVED THE SEALER.

### LIMITATIONS

- TO BE USED ONLY BY INDIVIDUALS WHO HAVE THOROUGHLY REVIEWED THE INSTRUCTIONAL VIDEO, CORRESPONDING TECHNICAL DATA AND SAFETY DATA SHEETS. APPLY IN TEMPERATURES ABOVE 50°F.
- PROTECT FROM FREEZING.
- DO NOT APPLY TO EXTERIOR HORIZONTAL SURFACES THAT POND WATER AS THIS MAY CAUSE A BLUSHING TO OCCUR.
- NOT FOR USE ON ASPHALT OR SURFACES WHERE SPILLAGE OF SOLVENTS, FUELS,

- BRAKE OR TRANSMISSION FLUIDS ARE EXPECTED. AVOID HEAVY ACCUMULATIONS AS THIS CAN CAUSE SLIPPERY CONDITIONS OR A LIFTING ACTION BETWEEN COATS.

### CAUTIONS

CONSULT THIS PRODUCT'S SAFETY DATA SHEET FOR ADDITIONAL HEALTH AND SAFETY INFORMATION.

**KEEP OUT OF REACH OF CHILDREN**

### WARRANTY

TK PRODUCTS, DIVISION OF THE SIERRA CORPORATION, WARRANTS THAT ITS PRODUCTS CONFORM TO THE LABEL DESCRIPTIONS, ARE FREE FROM MANUFACTURING DEFECTS, AND ARE FIT FOR THE ORDINARY PURPOSES FOR WHICH SUCH GOODS ARE USED. INASMUCH AS THE USE OF TK PRODUCTS' PRODUCT BY OTHERS AND OTHER FACTORS AFFECTING PRODUCT PERFORMANCE ARE BEYOND TK PRODUCTS' CONTROL, TK PRODUCTS DOES NOT GUARANTEE THE RESULTS TO BE OBTAINED. THERE ARE NO WARRANTIES EXCEPT AS STATED HEREIN, EITHER EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SHOULD ANY TK PRODUCTS' PRODUCT FAIL TO GIVE SATISFACTORY RESULTS, TK PRODUCTS WILL REPLACE THE PRODUCT, OR AT ITS OPTION, REFUND THE PURCHASE PRICE. THIS IS THE SOLE AND EXCLUSIVE REMEDY FOR ANY FAILURE OF TK PRODUCTS' PRODUCTS TO PERFORM AS WARRANTED AND SHALL ALSO CONSTITUTE LIQUIDATED DAMAGES IN CASE OF LOSS. UNDER NO CIRCUMSTANCES SHALL THE BUYER BE ENTITLED TO ANY OTHER REMEDY OR DAMAGES. REMEDIES FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED. TK PRODUCTS DOES NOT AUTHORIZE ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OR USE OF ITS PRODUCTS UNLESS SPECIFICALLY AUTHORIZED BY TK PRODUCTS IN WRITING.



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**SECTION 1 PRODUCT AND COMPANY IDENTIFICATION**

**Product**

Product Name: [SCR™ \(Super Concrete Renovator\)](#)

Product Description: Concrete surface preparation

Intended Use: Cleaner, degreaser, profiler

**Company**

**Manufacturer:** Surecrete Design Products

1105 North 1600 West

Layton, Utah 84041

USA

**Contact:**

1-352-567-7973 (telephone general)

1-800-424-9300 Chemtrec (24 hour emergency phone)

[safety@fenixspc.com](mailto:safety@fenixspc.com) (e-mail)

**SECTION 2 HAZARDS IDENTIFICATION**

**Classification Of Substance Or Mixture:**

**GHS Classification In Accordance With 29 CFR 1910 (OSHA HCS)**

Acute Toxicity	Category 1 Oral
Skin Corrosion / Irritation	Category 1
Serious Eye Damage / Eye Irritation	Category 1
Toxic To Specific Target Organ	Category 3
Toxicity - Single Exposure	
Hazardous To The Aquatic Environment Long-Term (Chronic)	Chronic 1

**GHS Label Elements:**

**Hazard Symbol:**



**Signal Word: DANGER**

**Label Hazard Statements:**

- H290: May be corrosive to metal.
- H301+H331: Toxic if swallowed or if inhaled
- H302: Harmful if swallowed
- H314: Causes severe skin burns and eye damage
- H318: Causes serious eye damage
- H335: May cause respiratory irritation
- H410: Very toxic to aquatic life with long lasting effects



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**Label Precautionary Statements:**

PREVENTION:

- P234: Keep only in original packaging.
- P260: Do not breath dusts/fume/gas/mist/vapors or spray.
- P262: Do not get in eyes, on skin, or on clothing.
- 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.
- P273: Avoid release to the environment.
- P281: Use appropriate personal protective impervious gloves/protective clothing/ OSHA approved eye protection/ face protection.

RESPONSE:

- P301: If swallowed:
- 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.
- P310: Immediately call a POISON CENTER / doctor / emergency responder.
- P310+P233: Immediately call poison center / doctor.
- P321: Specific treatment (see on this label)
- P330: Rinse mouth.
- P363: Wash contaminated clothing before reuse.
- P390: Absorb spillage to prevent material damage.
- P391: Collect spillage.

STORAGE:

- P403+P233: Store in a well-ventilated place. Keep container tightly closed.
- 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

**Hazard Ratings**

	<i>health</i>	<i>flammability</i>	<i>reactivity</i>	<i>protective(ppe)</i>
<b>HMIS</b>	3	0	0	1

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

This material is regulated as a mixture

Ingredient	CAS #	Weight %	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER



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+* HYDROCHLORIC ACID	7647-01-0	9.8	
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\* 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.

## 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:** Direct contact with eyes may cause irritation.

**Skin:** Prolonged or repeated contact may cause irritation.

**Inhalation:** Inhalation of vapor or mist can cause irritation of nose, throat and lungs and lead to headaches and nausea.

**Ingestion:** Not an anticipated route of exposure. Small amounts are not expected to be harmful.

**Chronic Health Effects:** Although some components may indicate chronic exposure effects, no effects are anticipated under normal use conditions due to the relatively low proportion in the total mixture.

**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 FIGHTING MEASURES

**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 carbon monoxide, carbon 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 personnel from entering the spill area. Use proper personal protective equipment listed in section 8.



## SCR CLEANER/DEGREASER



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

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### 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. 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 incompatible 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.

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### SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION

**Control Parameters:** See Section 3 for occupational exposure limit values.

**Engineering Controls:** General room ventilation is adequate.

**Personal Protective 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.

**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.

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### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State: Liquid

Color: Various Colors

Odor: Amine Or Ammonia Odor



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pH: Not Determined  
Odor Threshold: Not Measured  
Solubility In Water: Dilutable  
Melting/Freezing Point: Not Determined  
Boiling Point/Range:  
Specific Gravity (H<sub>2</sub>O=1): 1.2  
Vapor Density: Greater Than Air  
Evaporation Rate: Not Determined  
Flammability: Not Determined  
Flash Point: No flash/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 )

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### SECTION 10 STABILITY AND REACTIVITY

**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:** None known. Materials which are not compatible with water or ordinary organics will not be compatible with this material.

**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.

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### 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.

**SECTION 13 DISPOSAL CONSIDERATIONS**

This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261, however, state and local regulations may be more restrictive. Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

**SECTION 14 TRANSPORT INFORMATION**

**Proper shipping name: (un #, shipping name, hazard class, packing group)**

UN1760, Corrosive Liquids, N.O.S., (Cupric Chloride Solution, Hydrochloric Acid), 8, III

**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**

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



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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.

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

*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.*



# SUREBROOM BROOMABLE OVERLAY



## SAFETY DATA SHEET

### SECTION 1 Product and Company Identification

#### Product

Product Name: [SureBroom Overlay Bag Mix](#)

Product Description: Concrete Broom Overlay Resurface Old Concrete Mix 6000 PSI SureBroom

Intended Use: High-strength restoration and decorative resurfacing

#### 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](mailto:info@surecretedesign.com) (e-mail)  
1-352-521-0973 (facsimile)

### SECTION 2 Hazards Identification

#### Classification of substance or mixture:

##### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin corrosion/irritation	Category 1	H314
Skin sensitization	Category 1	H317
Serious eye damage/eye irritation	Category 1	H318
Specific target organ toxicity (single exposure) respiratory irritation	Category 3	H335
Carcinogenicity	Category 1A	H350

#### GHS Label Elements:

##### Hazard Symbol:



##### Signal Word: Danger

#### Label Hazard Statements:

- H314 Causes severe skin burns and eye damage.
- H317 May cause allergic skin reaction.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.
- H350 May cause cancer through repeated inhalation.
- H372 Causes damage to respiratory system through prolonged and repeated exposure.



# SUREBROOM BROOMABLE OVERLAY



### Label Precautionary Statements:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P260 Do not breathe dust.
- P264 Wash thoroughly after handling this product.
- P270 Do not eat, drink or smoke while handling this product.
- P271 Use only outdoors or in a well ventilated area.
- P280 Wear eye protection, protective clothing, protective gloves.
- P284 Wear respiratory protection.
- P301+330+331 IF SWALLOWED Rinse mouth. DO NOT induce vomiting. Immediately call poison center/physician.
- P303+361+353 IF ON SKIN (or hair) Immediately take off all contaminated clothing. Rinse skin with water/shower. Immediately call poison center/physician. Wash contaminated clothing before reuse.
- P304+P340 IF INHALED Remove victim to fresh air and in a position comfortable for breathing.
- P342+P313 If experiencing respiratory symptoms: Get medical attention.
- P305+P351+P338 IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P337+P310 If eye irritation persists: Immediately call a POISON CENTER/doctor.
- P333+313 If skin irritation or a rash occurs: Get medical attention.
- P363 Wash contaminated clothing before reuse.
- P501 Dispose of contents/container to an approved waste disposal plant.

**Other hazards which do not result in classification or are not covered by the GHS:** May form combustible dust concentrations in the air.

### Hazard Ratings

	<i>health</i>	<i>flammability</i>	<i>reactivity</i>
<b>HMIS</b>	1	0	0
<b>NFPA</b>	1	0	0

### SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

<b>Ingredient</b>	<b>CAS #</b>	<b>EC#</b>	<b>% (by weight)</b>
<b>Hazardous</b>			
Portland Cement type 1	65997-15-1	ND	<36%
Crystalline silica quartz	14808-60-7	ND	<64%
Calcium Oxide	1305-78-8	ND	<3%
<b>Non hazardous</b>			
	Trade secret		<9%

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

### SECTION 4 First Aid Measures

**Eye Contact:** Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Chemical burns must be treated promptly by a physician.



## SUREBROOM BROOMABLE OVERLAY



associated water requires prompt attention. Quickly remove contaminated clothing, shoes, and leather goods such as watchbands and belts. Quickly and gently blot or brush away excess portland cement. Immediately wash thoroughly with luke-warm, gently flowing water and non-abrasive pH neutral soap. Seek medical attention for rashes, burns, irritation, dermatitis and prolonged unprotected exposures to wet cement, cement mixtures or liquids from wet cement. Burns should be treated as caustic burns. Portland cement causes skin burns with little warning. Discomfort or pain cannot be relied upon to alert a person to a serious injury. You may not feel pain or the severity of the burn until hours after the exposure. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure.

**Inhalation:** Seek medical help if coughing or other symptoms persist. Inhalation of large amounts of portland cement requires immediate medical attention. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If the individual is not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

**Ingestion:** Get medical attention immediately. Call a poison center or physician. Have victim rinse mouth thoroughly with water. DO NOT INDUCE VOMITING unless directed to do so by medical personnel. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Have victim drink 60 to 240 mL (2 to 8 oz.) of water. Stop giving water if the exposed person feels sick as vomiting may be dangerous. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

### **Most important symptoms and effects, both acute and delayed:**

**Eye contact:** causes serious eye damage.

**Inhalation:** may cause respiratory irritation.

**Skin contact:** causes severe burns. May cause an allergic skin reaction.

**Ingestion:** may cause burns to mouth, throat and stomach.

### **Over-exposure signs/symptoms:**

**Eye contact:** pain, watering and redness.

**Inhalation:** respiratory tract irritation and coughing.

**Skin contact:** pain or irritation, redness and blistering may occur, skin burns, ulceration and necrosis may occur.

**Ingestion:** stomach pains.

### **Potential chronic health effects:**

Long-term exposure to high concentrations of crystalline silica quartz may cause cancer. Long-term exposure to high concentrations of dust containing iron oxide can cause a benign condition termed "pulmonary siderosis." This condition is not associated with any physical impairment of lung function.

**Note to physician:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

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## **SECTION 5 Fire Fighting Measures**

**Extinguishing Media:** Water spray, alcohol resistant foam, Dry Chemical or CO<sub>2</sub> appropriate for surrounding



# SUREBROOM BROOMABLE OVERLAY



materials.

**Special Hazards:** Burning produces noxious and toxic fumes. Oxides of carbon.

**Unusual Fire and Explosion Hazard:** Dust may form explosive mixture with air. Electrostatic charging is possible.

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

**Further information:** Use water spray to cool unopened containers.

## SECTION 6 Accidental Release Measures

**Personal precautions:** Avoid dust generation. Eliminate all sources of ignition. Keep unnecessary and unprotected personnel away from spill. Do not touch or walk through spilled material. Put on appropriate protective equipment.

**Environmental precautions:** Avoid dispersal of spilled material and runoff from contact with soil, waterways, drains and sewers.

**Methods for clean-up:** Dry spills may be scooped up. Attempt to prevent dry product (dust) from becoming airborne. Wet product may be scraped up and placed in appropriate disposal containers. Allow wet product to dry before disposal. Do not flush down drains.

## SECTION 7 Handling and Storage

**Handling:** Avoid contact with eyes, skin, and clothing. Promptly remove dusty clothing or clothing that has become wet with the mixed product. Launder clothing before reuse. Wash thoroughly after exposure to product. Avoid formation of dust - dust may form explosive mixture with air. Avoid dust deposit, remove dust regularly. Take precautionary measures against electrostatic charging. Keep away from open flames, heat and sparks.

**Conditions of safe storage, including any incompatibilities:** Store product in a cool, dry, ventilated area. Prevent against physical damage and moisture. Normal temperatures and pressures do not affect the material. Wet portland cement is alkaline. As such it is incompatible with acids, ammonium salts and aluminum metal. Wet portland cement can cause severe chemical burns; do not get inside clothing, boots, shoes, or gloves.

## SECTION 8 Exposure Control / Personal Protection

**Exposure limit values:**

Component	Value / Source		
Portland cement 65997-15-1	TLV	1 mg/m <sup>3</sup> (respirable fraction) 8 h	No data available ACGIH
Portland cement 65997-15-1	REL	5 mg/m <sup>3</sup> (respirable fraction) 10 h	10 mg/m <sup>3</sup> (total dust) 10 h NIOSH
Portland cement 65997-15-1	TWA	5 mg/m <sup>3</sup> (respirable fraction) 8 h	15 mg/m <sup>3</sup> (total dust) 8 h OSHA PEL
Crystalline Silica, quartz 14808-60-7	TWA	.05 mg/m <sup>3</sup> (respirable fraction) 10 h	No data available NIOSH REL
Crystalline Silica, quartz 14808-60-7	TWA	.025 mg/m <sup>3</sup> (respirable fraction) 8 h	No data available ACGIH TLV



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Crystalline Silica, quartz 14808-60-7	TWA	10 mg/m <sup>3</sup> divided by %SiO <sub>2</sub> + 2 (respirable fraction)	30 mg/m <sup>3</sup> divided by %SiO <sub>2</sub> + 2 (total dust)	OSHA PEL
Calcium Oxide 1305-78-8	TWA	2 mg/m <sup>3</sup> 8 h	No data available	ACGIH TLV
Calcium Oxide 1305-78-8	TWA	2 mg/m <sup>3</sup> 10 h	No data available	NIOSH REL
Calcium Oxide 1305-78-8	TWA	5 mg/m <sup>3</sup> 8 h	No data available	OSHA PEL
Limestone 1317-65-3	TWA	5 mg/m <sup>3</sup> (respirable fraction) 10 h	10 mg/m <sup>3</sup> (total dust) 10 h	NIOSH REL
Limestone 1317-65-3	TWA	5 mg/m <sup>3</sup> (respirable fraction) 8 h	15 mg/m <sup>3</sup> (total dust) 8 h	OSHA PEL
Magnesium Oxide 1309-48-4	TWA	10 mg/m <sup>3</sup> (respirable fraction) 8 h	No data available	ACGIH TLV
Magnesium Oxide 1309-48-4	TWA	No data available	15 mg/m <sup>3</sup> (total dust) 8 h	OSHA PEL
Gypsum 13397-24-5	TWA	10 mg/m <sup>3</sup> (respirable fraction) 8 h	No data available	ACGIH TLV
Gypsum 13397-24-5	TWA	5 mg/m <sup>3</sup> (respirable fraction) 8 h	10 mg/m <sup>3</sup> (total dust) 8 h	NIOSH REL
Gypsum 13397-24-5	TWA	5 mg/m <sup>3</sup> (respirable fraction) 8 h	15 mg/m <sup>3</sup> (total dust) 8 h	OSHA PEL
Kaolin 1332-58-7	PEL	15 mg/m <sup>3</sup> (inhalable dust)	5 mg/m <sup>3</sup> (respirable dust)	OSHA
Kaolin 1332-58-7	TWA	2 mg/m <sup>3</sup> (respirable dust)	No data available	ACGIH
Calcium carbonate 1317-65-3	PEL	15 mg/m <sup>3</sup> (inhalable dust)	5 mg/m <sup>3</sup> (respirable dust)	OSHA

## Exposure Controls

**Appropriate engineering controls:** Use mechanical ventilation (dilution and local exhaust) to control exposure within applicable limits. Avoid actions that cause dust to become airborne.

## Personal Protective Equipment

**Eye/face protection:** To prevent eye contact, wear safety glasses with side shields, safety goggles or face shields when handling dust or wet cement. Wearing contact lenses when working with cement is not recommended.

**Skin protection:** Wear impervious clothing to eliminate skin contact. Where needed wear boots that are impervious to water to eliminate foot and ankle exposure. If clothing becomes saturated with wet concrete, it should be removed and replaced with dry clothing. Wear impervious gloves to eliminate skin contact. Do not rely on barrier creams. Periodically wash areas contacted by wet cement or its dry ingredients with pH neutral soap and water. Wash again at the end of work.

**Respiratory protection:** If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use and maintenance must be accordance with regulatory requirements.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice. Clean water should always be readily available for skin and (emergency) eye washing. Periodically wash areas contacted by portland cement with a pH neutral soap and clean, uncontaminated water. If clothing becomes saturated



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with portland cement, garments should be removed and replaced with clean, dry clothing.

**Control of environmental exposure:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains or waterways. Discharge into the environment must be avoided.

**Potential environmental effects:** Not considered to be harmful to aquatic life.

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### SECTION 9 Physical and Chemical Properties

#### General

Physical state: powder  
Color: varies by selection  
Odor: no distinct odor  
Odor Threshold: Not available

#### Safety Data

pH in water: >11.5  
Melting point: Not available  
Boiling point: Not available  
Flash point: Not available  
Freeze Point: Not available  
Evaporation rate: Not applicable  
Vapor pressure (mm Hg.): Not applicable  
Water solubility: 0.1 – 1%  
Vapor density (air = 1): Not applicable  
Relative density: 2.65

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### SECTION 10 Stability and Reactivity

**Reactivity:** Reacts slowly with water forming hydrated compounds, releasing heat and producing a strong alkaline solution until reaction is substantially complete.

**Chemical stability:** Stable under normal storage conditions.

**Possibility of Hazardous reactions:** None under normal conditions of storage and use.

**Conditions to avoid:** No specific data.

**Incompatible materials:** Oxidizing materials, acids, aluminum and ammonium salt. Portland cement is highly alkaline and will react with acids to produce a violent, heat-generating reaction. Toxic gases or vapors may be given off depending on the acid involved. Reacts with acids, aluminum metals and ammonium salts. Aluminum powder and other alkali and alkaline earth elements will react in wet mortar or concrete, liberating hydrogen gas. Limestone ignites on contact with fluorine and is incompatible with acids, alum, ammonium salts, and magnesium. Silica reacts violently with powerful oxidizing agents such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, and oxygen difluoride yielding possible fire and/or explosions. Silicates dissolve readily in hydrofluoric acid producing a corrosive gas — silicon tetrafluoride.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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**SECTION 11 Toxicological Information**

**Component Information**

Chemical Name	Oral LD50	Inhalation LC50
Crystalline Silica, quartz 14808-60-7	500 mg/kg (Rat)	No data available
Limestone 1317-65-3	6450 mg/kg (Rat)	No data available
Copolymer of vinyl acetate and ethylene	>2000 mg/kg (Rat)	No data available

**Acute Toxicity**

Route of Exposure	Conclusion / Remarks
<i>Inhalation</i>	Contains > 0.1% crystalline silica which can be absorbed into the body by inhalation and may have effects on the lungs, resulting in fibrosis (silicosis).
<i>Ingestion</i>	May cause burns to mouth, throat and stomach.
<i>Skin</i>	Dries skin and mucous membranes.
<i>Eye</i>	Slightly irritating, not classified.

**Sensitization:** Does not cause sensitization.

**Mutagenicity:** No data available.

**Carcinogenicity:** This product contains greater than 0.1% crystalline silica which is listed as a Group 1 carcinogen by IARC, a known carcinogen by NTP, OSHA and as A2 suspected human carcinogen by ACGIH.

**Reproductive toxicity:** No data available.

**Specific target organ toxicity- single exposure:** None.

**Specific target organ toxicity- repeated exposure:** Crystalline silica, quartz targets respiratory tract and kidneys (Category 1).

**Aspiration Hazard:** No data available.

**SECTION 12 Ecological Information**

Chemical Name	CAS No	Fish LC50	Algae/aquatic plants EC50	Crustacea EC50
Calcium Oxide	1305-78-8	Oreochromis niloticus 100 mg/L (chronic NOEC)	No data available	No data available
Copolymer of vinyl acetate and ethylene		Cyprinus carpio >100 mg/L 96 h	Sludge >1000 mg/L 0.5 h	No data available



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Titanium Dioxide	13463-67-7	Pimephales promelas 1000 mg/L 96 h	Pseudokirchneriella subcapitata 61 mg/L 72 h	Daphnia magna 1000 mg/L 48 h
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**Persistence and degradability:** No data available.

**Bio accumulative potential:** None

**Mobility in soil:** No data available.

**Other adverse effects:** No data available.

**SECTION 13 Disposal Considerations**

**Methods of disposal:** Dispose of contents/container in accordance with local/regional/national/international 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**

**US federal regulations:** This product is hazardous according to OSHA 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**  
Crystalline Silica, quartz (impurity) (CAS 14808-60-7) Cancer.

**CERCLA Hazardous Substance List (40 CFR 302.4):** Not listed

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard Categories:** None

**SARA 302 Extremely hazardous substance:** Not listed.

**SARA 311/312 Hazardous chemical:** Not listed.

Immediate (acute) health hazard

Delayed (chronic) health hazard

**SARA 313 (TRI reporting):**

Chromium, ion (Cr6+) CAS 8540-29-9 <0.1%

Lead (organic and inorganic) <0.1%

Nickel Compounds <0.1%



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### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:

CAS No.	Chemical	Upper limit wt. %
108-05-4	Vinyl acetate	<0.003
75-07-0	Acetaldehyde	<0.002
141-78-6	Ethyl acetate	<0.015
79-06-1	Acrylamide	<0.001
67-56-1	Methanol	<0.0025
50-00-0	Formaldehyde	<0.001

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):** Not regulated.

**Clean Water Act (CWA) Section 112(r) (40 CFR 68.130):** Not regulated.

**Clean Water Act (CWA) 307:** Chromium, ion (Cr6+)

**Safe Drinking Water Act (SDWA):** Not regulated.

### US state regulations

#### US. Massachusetts RTK - Substance List:

Portland cement (CAS 65997-15-1)  
Limestone (CAS 1317-65-3)  
Kaolin (CAS 1332-58-7)

#### US. New Jersey Worker and Community Right-to-Know Act:

Portland cement (CAS 65997-15-1)  
Limestone (CAS 1317-65-3)  
Gypsum (CAS 13397-24-5)

#### US. Pennsylvania Worker and Community Right-to-Know Law:

Portland cement (CAS 65997-15-1)  
Limestone (CAS 1317-65-3)  
Kaolin (CAS 1332-58-7)  
Gypsum (CAS 13397-24-5)

#### US. California Proposition 65:

Acetaldehyde (CAS 75-07-0)  
Acrylamide (CAS 79-06-1)  
Titanium dioxide (CAS 13463-67-7)  
Crystalline silica quartz (CAS 14808-60-7)  
Formaldehyde (CAS 50-00-0)  
Methanol (CAS 67-56-1)

### International lists:

Canadian Domestic Substances List (DSL): Portland cement is included on the DSL.

Mexico Inventory (INSQ): All components are listed or exempted.

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### SECTION 16 Other Information

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



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*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.*



# BRIGHT SEAL WB WATER-BASED ACRYLIC



## SAFETY DATA SHEET

### SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BRIGHT SEAL WATER BORNE

PRODUCT CODE: TK-BR.SEAL WB

MANUFACTURER: SIERRA CORP /TK PRODUCTS  
11400 W 47TH STREET  
MINNETONKA, MN 55343  
USA

CONTACT: 1-952-938-7223 (TELEPHONE GENERAL)  
1-800-424-9300 CHEMTREC  
1-952-938-8084 (FACSIMILE)

### SECTION 2 HAZARDS IDENTIFICATION

#### HAZARD STATEMENTS:

H303 MAY BE HARMFUL IF SWALLOWED

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS #	WEIGHT PERCENT	EXPOSURE LIMITS
			OSHA PEL ACGIH TLV OTHER
DIPROPYLENE GLYCOL N-BUTYL ETHER	29911-28-2	1-10	NOT ESTABLISHED

#### PRIMARY ROUTES OF EXPOSURE:

SKIN CONTACT.

#### EFFECTS OF ACUTE EXPOSURE:

**EYES:** DIRECT CONTACT WITH EYES MAY CAUSE IRRITATION.

**SKIN:** PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION. INHALATION: INHALATION OF VAPOR OR MIST CAN CAUSE IRRITATION OF NOSE, THROAT AND LUNGS AND LEAD TO HEADACHES AND NAUSEA.

INGESTION: NOT AN ANTICIPATED ROUTE OF EXPOSURE. SMALL AMOUNTS ARE NOT EXPECTED TO BE HARMFUL.

#### CHRONIC HEALTH EFFECTS:

NO ANTICIPATED CHRONIC EFFECTS. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:  
NO KNOWN EFFECTS ON OTHER ILLNESSES.

### SECTION 4 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 LAUNDRER CONTAMINATED CLOTHING. INGESTION: IF A LARGE AMOUNT IS INGESTED, GIVE WATER OR MILK AND INDUCE VOMITING. SEEK MEDICAL ATTENTION.



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**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.

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### SECTION 5 FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** GREATER THAN 200 F

**METHOD USED:** SETAFLASH

**FLAMMABLE LIMITS IN AIR BY VOLUME-** LOWER: N/A

UPPER: N/A

#### 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.

#### SPECIAL FIREFIGHTING PROCEDURES:

PERSONS EXPOSED TO PRODUCTS OF COMBUSTION SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. ISOLATE DANGER AREA, KEEP UNAUTHORIZED PERSONNEL OUT.

#### UNUSUAL FIRE AND EXPLOSION HAZARDS:

THERE IS THE POSSIBILITY OF PRESSURE BUILDUP IN CLOSED CONTAINERS WHEN HEATED. WATER SPRAY MAY BE USED TO COOL THESE CONTAINERS.

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### SECTION 6 ACCIDENTAL RELEASE MEASURES

#### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

DO NOT LET UNCURED SPILLED OR LEAKING MATERIAL ENTER WATERCOURSE. MAY BE TOXIC TO AQUATIC LIFE. ABSORB WITH OIL-DRI OR SIMILAR INERT MATERIAL. SWEEP OR SCRAPE UP AND CONTAINERIZE. RINSE AFFECTED AREA THOROUGHLY WITH WATER. WEAR APPROPRIATE PROTECTIVE EQUIPMENT.

---

### SECTION 7 HANDLING AND STORAGE

#### HANDLING INFORMATION:

EMPLOYEES WHO COME IN CONTACT WITH THIS MATERIAL MUST BE TRAINED IN ACCORDANCE TO 1910.1200 OF THE HAZARD COMMUNICATION 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.

#### STORAGE INFORMATION:

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:

ALL EMPTY CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER IN ACCORDANCE WITH ALL GOVERNMENTAL REGULATIONS.

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### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 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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### **VENTILATION:**

GENERAL ROOM VENTILATION IS ADEQUATE.

### **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**

**PHYSICAL STATE:** LIQUID

**ODOR:** AMINE OR AMMONIA ODOR

**SPECIFIC GRAVITY (H<sub>2</sub>O= 1):** 1.03

**BOILING RANGE:** N/A

**COATING V.O.C.:** 148 G/L (1.24 LB/GL )

**COLOR:** VARIOUS COLORS

**SOLUBILITY IN WATER:** DILUTABLE

**VAPOR DENSITY:** HEAVIER THAN AIR.

**EVAPORATION RATE:** SLOWER THAN NBUAC

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## **SECTION 10 STABILITY AND REACTIVITY DATA**

### **STABILITY:**

STABLE UNDER NORMAL CONDITIONS AND HANDLING.

### **CONDITIONS TO AVOID:**

NONE KNOWN

### **INCOMPATIBILITY (MATERIALS TO AVOID):**

NONE KNOWN. MATERIALS WHICH ARE NOT COMPATIBLE WITH WATER OR ORDINARY ORGANICS WILL NOT BE COMPATIBLE WITH THIS MATERIAL.

### **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.

### **HAZARDOUS POLYMERIZATION:**

WILL NOT OCCUR.

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## **SECTION 11 TOXICOLOGICAL INFORMATION**

### **SENSITIZATION:**

NONE KNOWN.



## BRIGHT SEAL WB WATER-BASED ACRYLIC



### **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**

### **ENVIRONMENTAL DATA:**

CONTAINS AMMONIA OR AMINES WHICH MAY BE TOXIC TO AQUATIC LIFE.

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## **SECTION 13 DISPOSAL CONSIDERATIONS**

THIS PRODUCT DOES NOT MEET THE DEFINITION OF HAZARDOUS WASTE UNDER THE U.S. EPA HAZARDOUS WASTE REGULATIONS 40 CFR 261, HOWEVER, STATE AND LOCAL REGULATIONS MAY BE MORE RESTRICTIVE. COAGULATE THE EMULSION BY THE STEPWISE ADDITION OF FERRIC CHLORIDE AND LIME. REMOVE THE CLEAR SUPERNATANT AND FLUSH TO A CHEMICAL SEWER. INCINERATE LIQUID AND CONTAMINATED SOLIDS IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

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## **SECTION 14 TRANSPORT INFORMATION**

### **SHIPPING NAME:**

NOT REGULATED.

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## **SECTION 15 REGULATORY INFORMATION**

ALL INGREDIENTS OF THIS PRODUCT ARE LISTED, OR ARE EXCLUDED FROM LISTING, ON THE US TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

THIS PRODUCT DOES NOT CONTAIN A CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 313 (40CFR 372) ABOVE DE MINIMIS CONCENTRATIONS.

### **STATE SPECIFIC REQUIREMENTS:**

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.

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## **SECTION 16 OTHER INFORMATION**

REVISION DATE 05/10/13

**HMIS CODES:**      H      F      R      P  
                         2      0      0      1