



SECTION 1 • PRODUCT & COMPANY IDENTIFICATION:

Product/Chemical Name:	ShowerSeal®
Product Code(s):	SSEAL-GAL, SSEAL-3.5GAL
Manufacturer/Supplier:	KBRS, Inc.
Address:	8406 Speedway Blvd. Hardeeville, GA 29927
Emergency Phone:	1.866.912.3211
Telephone:	(912)352.0442
Fax:	(912)352.4204
Chemical Description:	Water Base Coating Mixture
Chemical Formula:	Styrene - Butadiene Polymer/Water Mixture
General Use:	Liquid Waterproofing Membrane

SECTION 2 • COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical Characterization		
Dangerous Components:		
CAS #	Name	Exposure Limit
51200-87-4	4, 4 - Dimethyloxazolidine	None Established

SECTION 3 • HAZARDS IDENTIFICATION:

Hazard Description:	Irritant Xi
HMIS Codes:	
Health:	-2*
Flammability:	1
Reactivity:	0
Protective Equipment:	C
Information Concerning Particular Hazards for Human and Environment:	
May be harmful if ingested.	
Dust may be irritating to eyes, respiratory system, and skin.	
Not known to cause reproductive hard or birth defects.	
Keep out of reach of children.	
*Chronic Hazard	

SECTION 4 • ACCIDENTAL RELEASE MEASURES:

Measures for Environmental Protection:	Keep spilled products out of sewers, streams and water systems.
Measure for Cleaning/Collecting:	For dry material, collect by sweeping and scooping. Transfer collected material to a container, being careful to minimize creation of dust. For wet material, scoop material up and transfer to an open container. Allow material to dry before disposal.

SECTION 5 • DESCRIPTION:

ShowerSeal® is a premixed, flexible, thin, ultra fast-drying waterproofing crack isolation membrane for installation under ceramic tile or stone in residential, commercial and industrial environments. Easily applied with a roller or brush on flat or curved surfaces, ShowerSeal® provides a continuous barrier to protect adjacent rooms, floors below from water damage. On common ShowerSeal® areas like coves, corners and cracks, it can be combined with an optional reinforcing fabric. ShowerSeal® is an advanced liquid-rubber formula that allows tile installation with polymer or epoxy mortars after just 30 to 50 minutes of dry time, and flood testing after 12 hours. ShowerSeal® exceeds ANSI A118.10 and ANSI A118.12 standards, and is listed for use as a shower-pan liner.

SECTION 6 • RECOMMENDED SUBSTRATES:

Interior/Exterior: Cured concrete (28 days) free of moisture problems; cement block, brick walls; cured cement mortar beds leveling coats (at least 3 days old); cement backer units. **Interior Only:** All substrates listed above; gypsum wall board (walls only, in approved areas), Properly Prepared: radiant-heated substrates; cement terrazzo floors, unglazed ceramic tile, plumbing (PVC, copper, brass, stainless) - all abraded by sandpaper; exterior-grade plywood (for interior residential floors and counter tops, dry areas)

SECTION 7 • TECHNICAL NOTES:

DO NOT use over: In-plane cracks beyond 1/8" (3mm); plank flooring, particle board, oriented strand board (OSB), treated plywood, Lauan, Masonite, gypsum-based floor-patching or leveling compounds, other unstable materials; vinyl, glazed tile, laminate, fiberglass, epoxy floors; or storage tanks. **DO NOT** use: Where excessive substrates moisture is evident; as a roof membrane, wear surface or primary waterproofing on balconies or decks over occupied space; or with solvent-based materials, where vertical out-of-plane movement occurs.

SECTION 8 • MIXING:

Stir before using.

SECTION 9 • COVERAGE:

50 square feet

SECTION 10 • CAUTION:

Eye irritant. Content - THIS PRODUCT CONTAINS NO HAZARDOUS INGREDIENTS AS DEFINED BY US OSHA. **HANDLING PROCEDURES:** WEAR SAFETY GLASSES AND IMPERVIOUS GLOVES. **EMERGENCY AND FIRST AID TREATMENT - EYES:** FLUSH WITH WATER FOR 15 MINUTE. **SKIN:** WASH WITH SOAP AND WATER. **INHALATION:** REMOVE TO FRESH AIR. **INGESTION:** DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY OR CONTACT POISON CONTROL CENTER IF ANY PROBLEMS CONTINUE. **KEEP OUT OF REACH OF CHILDREN**
BEFORE USE: CAREFULLY READ ALL SAFETY INSTRUCTIONS ON THE CONTAINER.

SECTION 11 • FIRST AID MEASURES:

General Information:	N/A
After Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If having difficulty breathing, give oxygen. Seek immediate medical attention.
After Skin Contact:	Wash affected area thoroughly with soap and water. Remove contaminated clothes and launder before re-use
After Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.
After Swallowing:	Do not induce vomiting - seek medical attention immediately.

SECTION 12 • FIRE-FIGHTING MEASURES:

General Information:	This product does not support combustion and is non-flammable.
Flash Point:	N/A
Suitable Extinguishing Agents:	For the dried product, use carbon dioxide, dry chemical, or alcohol foam.
Hazardous Combustion Products:	Incomplete combustion of dried product can yield low molecular weight hydrocarbons, carbon monoxide, and carbon dioxide.
Protective Equipment:	Respiratory equipment should be worn to avoid inhalation of combustion products.
Firefighting Instructions:	Water should not be used except as fog to keep nearby containers cool. Water may be used to cool closed containers to prevent pressure build-up and explosion when exposed to extreme heat.

SECTION 13 • HANDLING & STORAGE:

Handling:

Wear appropriate protective equipment when working with this product. Promptly remove clothing wet with product mix, and launder before re-using. Wash thoroughly after exposure to product mixtures. **Keep out of reach of children.**

Storage:

Store in dry location. Atmospheric temperatures and pressures do not affect the shelf life of this product.

SECTION 14 • EXPOSURES CONTROL/PERSONAL PROTECTION:

Additional information about design of technical facilities: N/A

Ingredients with limit values that require monitoring at the workplace:

CAS #	Name	Exposure Limit
51200-87-4	4, 4 - Dimethyloxazolidine	None Established

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH - approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log onto www.epa.gov/lead.

Additional information: The lists valid during the making were used as a basis.

Personal Protective Equipment:

Ventilation: Use local exhaust. General exhaust acceptable if the exposure to materials above is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, and 1910.108.

Respiratory Protection: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH for protection against materials described above.

SECTION 14 • EXPOSURES CONTROL/PERSONAL PROTECTION (CONTINUED):

Eye Protection: Wear safety glasses to reduce the potential for eye contact.

Skin Protection: Prevent prolonged or repeated contact by using rubber gloves and appropriate protective clothing.

SECTION 15 • PHYSICAL & CHEMICAL PROPERTIES:

General Information:

Form:	Fluid
Color:	Green

SECTION 15 • PHYSICAL & CHEMICAL PROPERTIES (CONTINUED):

Odor:	Mild ammonia.
pH:	pH: 8.0 - 10.0
Change in Condition:	
Melting Point/Melting Point Range:	32° F
Boiling Point/Boiling Point Range:	190 - 212° F
Evaporation Rate:	Slower than ether.
Vapor Density:	Heavier than air.
Specific Gravity:	1.45
Solubility in/Miscibility with Water:	Dispersible
Density at 20° C:	12.11 lb/gal
VOC:	2 g/l (0.0143 lb/gal)

SECTION 16 • STABILITY & REACTIVITY:

Conditions to be Avoided:	None Known
Chemical Stability:	Stable
Materials to be Avoided:	None Known
Hazardous Polymerization:	Will Not Occur
Dangerous Decomposition Products:	
Will not spontaneously occur. By fire - low molecular weight hydrocarbons, carbon dioxide and monoxide.	

SECTION 17 • TOXICOLOGICAL INFORMATION:

Acute Toxicity:	N/A
Primary Irritant Effect:	
On the Skin:	Exposure of skin to product mix may cause chemical burns. Symptoms of exposure may take several hours to manifest.
On the Eye:	Exposure of the eyes to product mix may cause chemical burns and blindness. Exposure to airborne dust can cause immediate or delayed irritation or inflammation.
Through Ingestion:	May be harmful if ingested.
Through Inhalation:	Mist generated during handling this product may cause irritation to the respiratory tract.
Additional Toxicology Information:	N/A

SECTION 18 • ECOLOGICAL INFORMATION:

Elimination (Persistence & Degradability)	N/A
Behavior in Environmental Systems:	N/A
Mobility and Bioaccumulation Potential:	N/A
General Notes:	N/A

SECTION 19 • DISPOSAL CONSIDERATIONS:

Product Recommendation:	This product must be disposed of in accordance with applicable local, state and federal regulations. Where possible, it is best to use up any excess material.
Uncleaned Packaging Recommendation:	Disposal must be made according to official regulations.

SECTION 20 • TRANSPORT INFORMATION:

Land Transport USDOT:	Not classified as a dangerous good under transport regulations.
Sea Transport IMDG:	Not classified as a dangerous good under transport regulations.
Air Transport IATA/ICAO:	Not classified as a dangerous good under transport regulations.

SECTION 21 • REGULATORY INFORMATION:

CERCLA, Section 103 (40CFR302.4):

This product contains the following toxic chemicals that require notification of the National Response Center of releases of quantities of hazardous substances equal to or greater than the Reportable Quantities (RQ):

No reportable quantities are present.

Clean Air Act, Section 112:

This product contains the following components present at or above the minimum level and listed as Hazardous or Extremely Hazardous Air Pollutants:

No reportable quantities are present.

SARA, Section 311/312 (40CFR355.30) & Section 304 (40CFR355.40):

This product contains the following items that require emergency planning based on Threshold Planning Quantities (TPQ) or release reporting based on RQ:

No reportable quantities are present.

SARA, Section 313 (40CFR372.65)

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986:

4, 4 - DIMETHYLOXAZOLIDINE

CAS # 51200-87-4

EPA VOC Regulations

Theoretical VOC for this Product = 2 g/l(0.0143 lb/gl)

TSCA

All components of this product are listed, or are exempt from listing on the TSCA inventory.

OSHA

This Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR1910.1200). Unlisted ingredients are not 'hazardous' per OSHA standards.

In addition to items listed in Section 17, this product contains the following items that are specifically regulated by OSHA. Exposure limits may be found in Section 14

No reportable quantities are present.

SECTION 22 • STATE REGULATIONS:

Warning - the following chemicals are present in this coating product in small amounts. These chemicals are listed by the California EPA as materials known to the State of California to cause cancer, (and/or) birth defects, (and/or) other reproductive harm:

None Established.

SECTION 23 • OTHER INFORMATION:

The information and recommendation set forth herein are believed to be accurate. Because some of the information used to prepare this document is derived from information provided to KBRS, Inc. from its suppliers, and because KBRS, Inc. has no control over the conditions of handling and use, KBRS, Inc. makes no warranty, expressed or implied, regarding the accuracy of the data or results to be obtained from the use thereof and assumes no responsibility from use or reliance thereon. It is the responsibility of the user of KBRS, Inc. products to comply with all applicable federal, state, and local laws and regulations.