

## PRODUCT DATA

7<sup>07 19 19</sup> Water  
Repellents**ENVIROSEAL® G**

Clear, reactive silicate water repellent

**Description**

Enviroseal® G is a clear, penetrating, water-based silicate water-repellent sealer designed for concrete and aged limestone. It prevents water penetration and reduces freeze/thaw damage while allowing surfaces to breathe.

**Yield**

200 – 300 ft<sup>2</sup>/gal (4.9 – 7.4 m<sup>2</sup>/L); varies with porosity of surface

**Packaging**

5 gallon (19 L) cans

**Color**

Clear

**Shelf Life**

1 year when properly stored.

**Storage**

Store in unopened containers in a cool, clean, dry area. Protect from freezing. Frozen material should be placed in a warm spot to thaw. Do not force thawing by direct heat.

**Features**

- Penetrating sealer
- Water repellent
- Breathable
- Water based

**Benefits**

- Helps maintain clean substrate overtime
- Helps prevent rain water penetration
- Allows interior moisture vapor to escape
- Zero VOC—Environmentally friendly

**Where to Use**

## APPLICATION

- Concrete driveways and walks
- Concrete pavers

## LOCATION

- Horizontal and vertical
- Interior or exterior

## SUBSTRATE

- Concrete
- Aged limestone
- Aged quarried stone

**How to Apply****Surface Preparation**

1. All surfaces must be structurally sound, clean, fully cured (28 days), and free of all dust, dirt, bitumens, efflorescence, oil, pollution deposits, all curing, forming, and parting compounds, and all other foreign matter. New stone should age a minimum of 1 year before sealing.
2. Complete all caulking, pointing, or restoration work before application and allow to cure. If application must precede such work, carefully avoid application of Enviroseal® G to joint faces. Contamination may cause sealant adhesion problems.
3. For blemish-free or stain-free results, especially on light-colored or white surfaces, surface cleanliness is critical.
4. Surface must be dry and free of frost. After rainfall, allow surface to dry 2 – 3 days or longer to avoid a hazing effect.

**Application**

1. Apply when surface and air temperatures are above 40° F (4° C) and below 90° F (32° C).
2. Apply directly from the container using a good quality brush, roller, or low-pressure sprayer.
3. For vertical substrates saturate the surface from the bottom up, obtaining a 6 – 12" rundown.
4. Apply to horizontal surfaces in a uniform manner in sufficient quantity to completely wet out the substrate.
5. Care should be taken to treat in 1 coat prior to drying. Enviroseal® G will repel additional applications.

**Clean Up**

Clean all tools and equipment directly after use with soap and water.

**For Best Performance**

- Slight darkening might occur on some limestones containing slate or iron
- Certain combinations of aggregates, cements, and manufacturing processes may cause Enviroseal® G to darken or excessively highlight substrates; darkening or highlighting may particularly be a problem with colored concrete.
- A test application is recommended to determine coverage rate, water repellence, and appearance. Allow 7 days for test verification.

## Technical Data

### Composition

Enviroseal® G contains water and silicate.

### Typical Properties

| PROPERTY   | VALUE |
|--|-------|
| Total solids and active ingredients by weight, % | 7     |
| Specific gravity, g/cc                           | 1.0   |

- Protect incidental glass, metal, and plastic building components, including polystyrene beadboard and fiberglass. If over spray occurs, remove immediately, preferably with soapy water. Do not allow the material to dry.
- To prevent damage to nearby shrubbery and landscaping, cover or protect with drop cloth.
- Do not apply during inclement weather or if rain is expected within 8 hours.
- Do not use on previously painted surfaces.
- Not recommended for application to aluminum plastics, foam insulation, or any EIFS system.
- Do not use Enviroseal® G on brick, freshly quarried stone, or slate.
- Will not inhibit water penetration through unsound or cracked surfaces or areas with defective flashing, caulking, or structural waterproofing.
- Enviroseal® G is a water-repellent system; where a waterproofing system is required, contact Technical Service for recommendation on proper products.
- Make certain the most current versions of product data sheet and MSDS are being used; call Customer Service (1-800-433-9517) to verify the most current version.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

### Health and Safety

ENVIROSEAL® G

#### Warning

Enviroseal® G contains potassium methylsilicoate.

#### Risks

May be irritating to the eyes and skin. Inhalation of vapors may cause irritation to nose, throat and lungs.

#### Precautions

KEEP OUT OF THE REACH OF CHILDREN. Use appropriate personal protective equipment while mixing or handling this product. Avoid contact with skin and eyes. Use splashproof goggles or other protective eyewear meeting the most current ANSI Z87.1 standards. Use impervious gloves while handling. Use in ventilated area. If poor ventilation exists, use organic vapor or similar type NIOSH approved respirator.

#### First Aid

In case of eye or skin contact, flush eyes or exposed area thoroughly with water. If irritation persists call a physician. If swallowed, CALL A PHYSICIAN IMMEDIATELY. Only induce vomiting at the instruction of a physician. NEVER GIVE ANYTHING BY MOUTH TO

AN UNCONSCIOUS PERSON. Use in a well ventilated area. Avoid breathing mists and vapors. If needed use a MSHA/NIOSH approved respirator.

#### Spills/Storage

Use mild acid solution (acetic acid) to neutralize spills. Clean up spills using sand or other inert materials. Keep spills out of sewers and bodies of water. Material is non-combustible. For further information and handling instructions read the appropriate Hydrozo System Products Material Safety Data Sheet.

Refer to Material Safety Data Sheet (MSDS) for further information.

#### Proposition 65

This product does not knowingly contain chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

#### VOC Content

0 lbs/gal or 0 g/L, less water and exempt solvents.

**For medical emergencies only,  
call ChemTrec (1-800-424-9300).**

### BASF Construction Chemicals, LLC – Building Systems

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Technical Service 800-243-6739



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