

### 1. Product Name

Acrymax® SR-5 Siloxane Sealer

### 2. Manufacturer

Acrymax Technologies Inc.  
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### 3. Product Description

#### Basic Use

Penetrating and impregnating sealer for masonry, including highly alkaline surfaces. Demonstrates good penetration into absorbent building materials. Forms a hydrophobic barrier beneath the surface that seals out moisture while remaining vapor permeable.

SR-5 is also available in a concentrated form that is to be thinned with water before use. Consult Acrymax.

SR-5C Concentrate is a concentrated version of SR-5 that must be thinned with water. A mix ratio of 9 parts water to 1 part SR-5C will yield an active solution of approximately 6%. For a higher active concentration the mix ration can be reduced to 7 parts water to 1 part SR-5 Concentrate.

#### Features

- Solvent-free
- Enhanced resistance to efflorescence, freeze thaw damage, cracking, and spalling
- Provides invisible water-repellent coating on porous masonry surfaces
- High vapor permeability allows surface to breath

- Reduces water absorption
- Environmentally friendly waterborne formulation
- Meets all VOC requirements

#### Sizes

Container sizes are typically 1 and 5 gallon pails and 55-gallon drums.

#### Colors

Not applicable. Clear.

#### Limitations

Successful applications require proper selection of sealer for specific application. Adequate and thorough surface preparation is also required. Comply with

manufacturer's recommendations. Will not prevent water penetration through structural cracks, defects, or open joints. Should not be applied over painted surfaces.

### 5. Installation

*Preparation:* Mortar, crack, and other necessary repairs must be completed before application of SR-5. Most surfaces will require no other special preparation. If substrate is excessively dirt covered it should be cleaned. Any organic growth must also be removed.

## 4. TECHNICAL DATA

### Typical Properties (Liquid sealer)

Weight per Gallon	8.3 lbs.
% Active by Weight	6 %
Viscosity	Water
V.O.C.	N/A
pH	8 – 10
Flash point	N/A

### Typical Performance Properties

Substrate	Water absorption in % on treated (untreated = 100)	Absorption rate Grams/square meter
Lime cement plaster	3	500
Concrete	7	200
Clay Brick	1	1100
Lime sandstone	5	300
Cement Fiber Board	16	Not available

### Approvals

Consult manufacturer for information on approvals of various products by industry agencies or other entities.

**Application:** Application by low pressure spray is the preferred method of application. Brush or roller can also be used. It is suggested that a “mist” coat be applied to wet out the surface to be treated. This should then be followed by a uniform flood coat that allows enough material to run down 4 – 6” from the initial application point. On vertical surfaces work down from top of area to be treated. Completely saturate the surface.

**Coverage:** Will depend on the porosity of the surface that is being coated. The following are suggested application rates. Additional material may be required for porous surfaces

Smooth textured concrete  
300 – 350 sq.ft. per gallon

Rough textured concrete  
150 – 200 sq.ft. per gallon

Brick  
75 – 150 sq.ft. per gallon

Smooth textured stucco  
200 – 250 sq.ft. per gallon

Rough textured stucco  
100 – 150 sq.ft. per gallon

Concrete Block  
75 – 100 sq.ft. per gallon

Split Faced Block  
50 - 60 sq.ft. per gallon

Most substrates will require 1 coat. A 2 coat application reduces the potential for inadequate coverage.

### **PRECAUTIONS**

Protect shrubbery and plants from overspray. As with any active chemical protect eyes and hands with goggles and gloves. Protect adjacent surfaces including glass that are not to be treated. If applied to glass remove with soap and water before drying is

possible. Respirator not normally required. See specific application guidelines or consult Acrymax for detailed information and material requirements.

**Drying Time:** Drying time depends on temperature, direct sunlight, air movement, relative humidity, dew point, etc. and can vary considerably. Allow minimum of 2 hours between coats. Do not apply when rain, dense fog, or freezing temperatures are possible within 24 hours after application. It is the responsibility of the applicator or foreman on the job to determine if present and forecast weather conditions are acceptable for application of waterborne coatings.

**Clean-up:** Clean up with soap and water

### **6. Availability and Cost**

Acrymax sealers are available directly from Acrymax and through select distributors throughout the United States.

Cost information may be obtained from local distributors or through the manufacturer at the number listed in section 2.

### **7. Warranty**

Limited Material Warranty: Since Acrymax does not control the application of its products, or the condition of the surfaces to which they are applied; Acrymax’s liability will under no circumstances exceed the replacement of the product proven defective. Acrymax limited material warranty is available when all materials are used in strict accordance with all of Acrymax’s requirements and recommendations. Acrymax’s sole responsibility under this limited material warranty is for defective material and Acrymax’s only

obligation shall be to either replace or refund the purchase price of the materials or part thereof proven to be defective. No statement by anyone may supersede this limited material warranty, except when done in writing by Acrymax’s Technical Service Office in Media, PA. Consult Acrymax for complete warranty information.

### **8. Maintenance**

Periodic inspections are advised for all projects. An occasional cleaning and/or resealing of surfaces may be required depending on environmental conditions to which material surface is exposed. Repair as necessary.

### **9. Technical Services**

Factory service personnel offer design assistance and technical support. For technical assistance, contact Acrymax.

### **10. Disclaimer**

The technical data and suggestions for use contained in this document and Acrymax published product information are believed to be true and accurate as of the date of issuance. The statements contained in these product information publications do not constitute a warranty, expressed or implied, as to the performance of these products. All technical information is subject to change without notice.

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Read and comply with Material Safety Data Sheet