

ChemMasters

Installation Guidelines

Polyseal Solvent is an especially blended hydrocarbon solvent compound that is highly reactive. It is used following application procedures as a cleaner and may be used to remove solvent-based membrane forming compounds.

1.0 General

1.1 Scope

This specification covers the performance characteristics and application procedures for providing a hydrocarbon solvent compound that is highly reactive. It is used following application procedures as a cleaner and may be used to remove solvent-based membrane forming compounds.

1.2 Material Description

The material shall be a hydrocarbon solvent compound that is highly reactive and effective in removing hydrocarbon based curing and sealing compounds from concrete and masonry, and removing over spray from various solvent resistant surfaces. It should dissolve SBR, styrene acrylate, and acrylic or linseed oil resins.

1.3 Typical Applications

- A. Cleaning tools, equipment, solvent resistant sprayers
- B. Removing hydrocarbon based curing and sealing compounds from concrete and masonry
- C. Removal of over spray from various solvent resistant surfaces
- D. Dissolves SBR, styrene acrylate, acrylic or linseed oil resins
- E. Use with mechanical scrubbers to remove membrane from new or old concrete
- F. Breaks down Spray-Cure & Seal 15 and 0800, Spray-Cure & Seal Plus, Polyseal clear or with tint, Anti-Spall 50 and Traz

1.4 Limitations

- A. Polyseal Solvent is not designed to remove high performance, two component polymer coating from concrete or masonry
- B. Polyseal Solvent is not recommended for removal of wax based curing membranes

1.5 Quality Assurance

The repair contractor shall have experience and proficiency specific to the repair type and shall be approved by the engineer and the material supplier. The

material supplier shall provide job service as required to assure proper handling and installation of materials. The field representative shall instruct as needed to assure that handling, mixing, placing and finishing of materials are in accordance with specifications.

1.6 Delivery, Storage and Handling

The product shall be delivered in the original, unopened containers. It shall be labeled with the manufacturer's name, product name and lot number. Materials should be stored at the job site under dry conditions and at a temperature of 40° F., (4° C.) to 90° F. (32° C.).

1.7 Environmental Requirements

All materials used for the repair work shall be VOC compliant. The manufacturer shall supply the appropriate material safety data sheets upon request.

2.0 Materials

2.1 Approved Materials and Manufacturers

2.1.1 Product Standard

Polyseal Solvent, as manufactured by ChemMasters, 300 Edwards Street, Madison, Ohio, 44057-3112, 1-800-486-7866, is considered to conform to the requirements of this specification and shall be the solvent used. Polyseal Solvent is a hydrocarbon solvent compound that is highly reactive. It is used following application procedures as a cleaner and may be used to remove solvent-based membrane forming compounds.

2.1.2 Substitutions

No submittals for substitutions will be accepted after the bid date. All submittals must be made in writing to the engineer with supporting technical data sheets and test data showing complete equivalent performance.

2.2 Packaging/Estimating/Coverage

2.2.1 Packaging

Polyseal Solvent is available in 5 U.S. gallon/18.9 Liter pails, shipped 36 per pallet shrink wrapped.

2.2.2 Estimating Guide

Coverage of a cleaner is difficult to estimate due to extreme variables of surface texture, thickness of membrane and conditions.

A. Smooth Concrete 100 Ft.²/gal 2.5 M²/L

B. Textured Concrete 50 Ft.²/gal 1.25 M²/L

2.3 Storage:

Store tightly sealed containers away from direct sunlight or sources of heat. Polyseal Solvent will not freeze. Close container immediately after each use to avoid build up of moisture which may cause rusting of the container and discoloration of the material.

2.4 Engineering Properties

2.4.1 Flash Point 111° F 44° C.

2.4.2 Odor: Aromatic hydrocarbon

2.4.3 Specific Gravity: 0.87

2.5 Accessory Materials as manufactured by ChemMasters, 300 Edwards Street, Madison, Ohio, 44057-3112, 1-800-486-7866, is considered to conform to the requirements of this specification.

3.0 Execution

3.1 References

A. Refer to ChemMasters MSDS and Technical Data Sheets

3.2 Application

A. Membrane Removal:

A. After a minimum of 28 days curing time, the Polyseal Solvent is applied over the curing membrane with a squeegee or solvent resistant sprayer at an undiluted rate of 100 Ft.² per gallon/2.5 M² per liter.

B. Once uniformly applied, scrub the Polyseal Solvent into the surface with a stiff bristle broom or power scrubber. Allow the Polyseal Solvent to dwell on the surface for approximately 10 minutes then repeat the scrubbing procedure.

C. After the curing membrane dissolves, vacuum the residue, rinse with clean water and allow surface to dry thoroughly.

D. If any curing membrane remains after the stripping operation, re-treat area with the Polyseal Solvent following the process above.

F. It is important to remove residual curing membrane before applying any subsequent sealer, coating or penetrating treatment. Failure to thoroughly remove curing and sealing compounds or to rinse surface will result in adhesion, appearance or performance difficulties.

3.3 Clean-up

If desired, use a citrus degreaser to remove any solvent film from equipment used to apply Polyseal Solvent.