

### PRC Rapid Seal<sup>®</sup> 748 adhesion promoter

#### Description

PRC RAPID SEAL<sup>®</sup> 748 is an adhesion promoter used to enhance the coupling characteristics of polysulfide compounds to a wide variety of substrates. *PRC Rapid Seal 748* is a one-part compound suitable for application by brush or clean, lint-free gauze.

#### Application properties (typical)

Color	blue
Appearance	free of particles
Dry time, 30%-70% RH	
77°F (25°C)	15 minutes
60°F (16°C)	45 minutes
40°F (4°C)	45 minutes

#### Performance properties (typical)

Specific gravity	0.81
Flash point, PMCC	23°F (-5°C)
Effects on finishes	does not soften finishes
Peel strength values when used with RS 682:	
Peel strength (unconditioned)	
Cement/aluminum	48 pli
Steel/aluminum	52 pli
Peel strength on cement/aluminum with 7-day immersion	
Water	35 pli
Gasoline	35 pli
Ethanol	35 pli
Methanol	35 pli
Peel strength on cement/aluminum w/ 3-month immersion	
Water	25 pli
Gasoline	25 pli
Ethanol	25 pli
Methanol	25 pli
Peel strength on steel/aluminum with 7-day immersion	
Water	35 pli
Gasoline	35 pli
Ethanol	35 pli
Methanol	35 pli
Peel strength on steel/aluminum w/ 3-month immersion	

Water	25 pli
Gasoline	25 pli
Ethanol	25 pli
Methanol	25 pli

**Note:** The application and performance property values above are typical for the material, but not intended for use in specifications or for acceptance inspection criteria because of variations in testing methods, conditions and configurations.

#### Surface preparation

Immediately before applying sealant or to prime substrates, the surfaces should be cleaned well with solvents to remove dirt and grime. Contaminants such as dirt, grease, and/or processing lubricants must be removed prior to sealant application.

A progressive cleaning procedure should be employed using appropriate solvents and a new lint-free cloth. (Reclaimed solvents or tissue paper should not be used.) Always pour solvent on the cloth to avoid contaminating the solvent supply. Wash one small area at a time.

It is important that the surface is dried with a second clean cloth prior to the solvent evaporating to prevent the redeposition of contaminants on the substrate.

Substrate composition can vary greatly. This can affect sealant adhesion. It is recommended that adhesion characteristics to a specific substrate be determined prior to application on production parts or assemblies.

Concrete surfaces need to be sanded or mechanically abraded to obtain a rough surface profile approximately equal to #60 grit sandpaper. All dust and dirt should be removed by vacuum and/or brushing the surface before sealant application.

#### Application instructions

Apply a thin coat of *PRC Rapid Seal 748* to the solvent-cleaned surface by brush or clean gauze pad and allow to dry for the required time. After dry time, wipe off excess *PRC Rapid Seal 748* with a clean lint-free gauze pad and start the sealing procedure. If primed surface becomes contaminated or sealing is not accomplished within 8 hours of application of the adhesion promoter, repeat priming procedure.

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## Packaging options

*PRC Rapid Seal 748* adhesion promoter is supplied in one-part containers.

## Storage life

The storage life of *PRC Rapid Seal 748* is at least 6 months when stored at temperatures below 80°F (27°C) in original, unopened containers. The material is hygroscopic and must be kept free of moisture. It should be discarded if it becomes cloudy or if a precipitate is formed.

## Health precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Safety Data Sheet (SDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An SDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

For industrial use only. Keep away from children.

For emergency medical information call  
+1 (800) 228-5635.

For sales and ordering information call  
+1 (800) AEROMIX (237-6649).

For additional information or inquiries outside the United States, please visit our website: [www.ppgaerospace.com](http://www.ppgaerospace.com)

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