

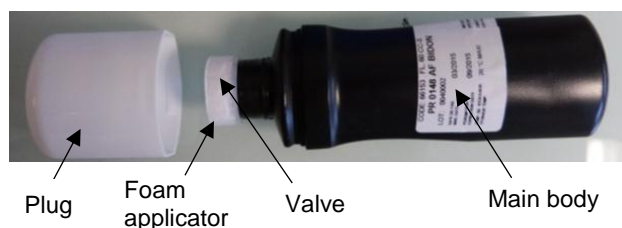
PR-148 AF, adhesion promoter

Description

PR-148 AF is an adhesion promoter to enhance the coupling characteristics of polysulfide compounds to a wide variety of substrates.

PR-148 AF is a one-part, aromatic free compound suitable for application by brush or clean gauze.

PR-148 AF is also available in the hermetic Prim Stick packaging (see below image) with an integrated foam applicator. The foam is solvent and asbestos-resistant, which allows the Prim Stick to be used on most surfaces and configurations. The Prim Stick has been especially designed to strongly reduce the emission of volatile organic compounds (VOCs) during application.



Application properties (typical)

Colour	Blue
Dry time, min 50% RH, 23°C (73.4°F)	30

Performance properties (typical)

Cured specific gravity	0.8
Vapour Pressure, mb At 20°C	100
At 40°C	250
Flash Point, °C (°F)	-5, (23)

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 adhesion promoter to primed substrates, the surfaces should be cleaned with solvents. 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.

After the surface has been cleaned, apply PR-148 AF adhesion promoter with a clean brush or a gauze pad. If using the Prim Stick, when opening for the first time, prime the valve outside the application area. Then the adhesion promoter can be applied using the foam applicator. Between each application, re-boot the valve outside the application area.

Care must be taken to obtain a uniform thin coat of adhesion promoter to surface. At standard temperature, allow the adhesion promoter to dry for 30 minutes. It is not recommended to apply adhesion promoter below 7°C (45°F). Sealant must be applied within 8 hours of the application of the adhesion promoter.

If this time is exceeded, the surface should be re-cleaned and the adhesion promoter re-applied. Do not use the adhesion promoter if it contains particles or precipitate.

For a more thorough discussion of proper surface preparation, please consult the SAE Aerospace Information Report AIR 4069. This document is available through SAE, 400 Commonwealth Avenue, Warrendale, PA 15096-0001.

Storage life

The storage life of PR-148 AF is 6 months when stored in original, unopened containers at temperatures between 4-27°C (39-81°F). The Prim Stick should not be used more than one week after opening.

If the PR-148 AF becomes cloudy or contains grains, it should be rejected. The humidity of the air degrades the adhesion promoter, therefore user should avoid leaving the bottle open during use.

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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.**

**Additional information can be found at:
www.ppgaerospace.com**

**For sales and ordering information call:
1-800-AEROMIX (2376649).**

All recommendations, statements, and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and assumes all risks and liability resulting from his use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss, or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

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