

### PR-1732 – PR-1733, adhesion promoter

#### Description

PR-1732 – PR-1733 are two primers that can be used in conjunction to enhance the coupling characteristics of VITON® sealants to metal or paint surfaces.

PR-1732 – PR-1733 are two separate compounds both suitable for application by brush or clean gauze. PR-1732 contains a surface activator in a blend of mixed solvents and PR-1733 contains VITON® in a blend of mixed solvents. Both individual materials dry at room temperature in approximately 30 minutes, with a total drying time of approximately 1 hour when used together.

#### Application properties (typical)

Colour	
PR-1732	Colourless
PR-1733	Black

Appearance Free of particles

Dry time @ 23°C (73°F), 50% RH, mins 30

#### Performance properties (typical)

Specific gravity	
PR-1732	0.83
PR-1733	0.9

Vapor pressure, mb	
at 20°C	
PR-1732	58
PR-1733	58
at 40°C	
PR-1732	180
PR-1733	180

Flash point, °C (°F)	
PR-1732	17(63)
PR-1733	4 (39)

#### Surface preparation

Immediately before applying sealant 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.

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.

To obtain maximum adhesion of VITON® sealants to metallic or paint surfaces, after the surface has been cleaned, apply PR-1732 with a clean brush or a gauze pad. Care must be taken to obtain a uniform thin coat. At standard temperature, allow the adhesion promoter to dry for 30 minutes. Then, once dry, apply PR-1733 with a clean brush or a gauze pad. Again, care must be taken to obtain a uniform thin coat and then allow to dry for 30 minutes at standard temperature. The 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-1732 – PR-1733 is 6 months when stored in original, unopened containers at temperatures between 4-27°C (39-81°F).

PR-1732 – PR-1733 are hygroscopic and must be kept free of moisture. When PR-1732 – PR-1733 hydrolyse, a precipitate forms which decreases the effectiveness of the primer.

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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](http://www.ppgaerospace.com)**

**For sales and ordering information call**

**1-800-AEROMIX (237-6649).**

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Printed in the U.S.A.

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Issue Date: 06/19  
Supersedes: New  
Lit: 4669