

### JFP 7010, adhesion promoter

#### Description

JFP 7010 is an adhesion promoter designed to enhance the coupling characteristics of silicone compounds PR 1910 and PR 1930 to metallic or elastomeric substrates.

JFP 7010 contains an adhesion promoter in a solvent, which is easily applied via a clean brush or gauze.

#### Application properties (typical)

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

#### Performance properties (typical)

Cured specific gravity	0.82
Flash Point, °C (°F)	27, (80.6)
Peel strength, N/mm, 100% cohesive failure, tested with PR 1910-2	
No exposure	
Aluminium (alclad 2024)	0.9
Alclad 2024 + Pac 33 NV	0.7

**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 metallic or elastomeric 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 JFP 7010 adhesion promoter 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. It is not recommended to apply adhesion promoter below 7°C (45°F). Sealant must be applied within 2 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 JFP 7010 is 6 months when stored in original, unopened containers at temperatures between 4-27°C (39-81°F). If the adhesion promoter becomes cloudy, do not use.

#### 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 (2376649).**

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