



# PR 1005 L

## Buna-N slosch coating

### USE

PR-1005-L is an aircraft integral fuel tank slosch coating. This material is designed as topcoat or barrier coating. The cured coating is resistant to prolonged exposure to both jet fuel and aviation gas.

### DESCRIPTION

PR-1005-L is a one part, synthetic rubber solution. The uncured material is a thin syrup suitable for application by brush, fill-and-drain, dip or spray. It cures at room temperature by the evaporation of solvent to form a smooth, tough, flexible transparent film having excellent adhesion to common aircraft substrates and polysulfide sealants

### SPECIFICATION

The following tests are in accordance with MIL-S-4383 specification test methods.

### PURCHASING

#### PRODUCT DESIGNATION

When ordering this product, designate PR number:

PR 1005 L (Red)

PR 1005 J (yellow)

#### STANDARD PACKAGING

1/4 liter

1 liter

5 liters

50 liters

**LE JOINT FRANCAIS**  
**SEALANTS ADHESIVES & COATINGS**

84/116 rue Salvador Allende, 95870 Bezons - Tél 01.34.23.34.23 - Télécopie 01.34.23.34.99  
[http : \www.ljfm.com](http://www.ljfm.com)

**APPLICATION PROPERTIES** (typical)

Color Red  
 Viscosity 0,9 Pa-s  
 (Brookfield #2 @ 10 rpm),

## Appearance ;

clear, uniform, free of Conforms  
 skin, lumps, ands jelled or coarse  
 particles

## Working properties ;

smooth, Conforms  
 uniform, no film irregularities  
 Dry time @ 25°C, 50% RH, 20 mins  
 Toxicity Non-toxic

**Performance properties (typical)**

Cured 2 days @25°C, 50% RH  
 Specific gravity 0.85  
 Nonvolatile content, % 21  
 Peel strength, pli (N/25 mm), 100% cohesion  
 JRF immersion, 7 days at 140°F (60°C)  
 MIL-S-7502 22 (98)  
 QQ-A-250/13 (Alclad) 30 (122)  
 Recoating properties - Good bonding.  
 No lifting, blistering or loss of adhesion.  
 Low temperature flexibility @ -54°C  
 No cracking, checking or loss of adhesion.  
 Resistance to heat @ 82°C - No hardening,  
 blistering, checking, shrinking, or loss of  
 adhesion.  
 Resistance to salt water and hydrocarbon -  
 No softening, blistering, leaching, apparent  
 corrosion of the metal, or loss of adhesion.

**NOTE :**

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.

For all informations, consult the  
 Engineering Services of  
 LE JOINT FRANCAIS.

**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 the appropriate solvents and  
 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.

**Storage life**

The storage life of PR-1005-L is at least 12  
 months when stored at temperatures below 25°C  
 in original unopened containers.

**Health precautions**

This product is safe to use and apply when  
 recommended precautions are followed.  
 Before using this product, read and understand  
 the Material Safety Data Sheet (MSDS), which  
 provides information on health, physical and  
 environmental hazards, handling  
 precautions and first aid recommendations. An  
 MSDS is available on request.

Avoid overexposure.

Obtain medical care in case of extreme  
 overexposure.

**GUARANTEED**

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.