

# PF-SR

## AEROSPACE INDUSTRY SEALANT REMOVER



- Heavy duty solvent based degreaser for sealant and adhesive residue removal in a wide variety of applications in the aerospace industry
- Effectively removes semi-cured polysulphide sealants and RTV materials, adhesives, marking inks, masking tape residue, Skydrol marks, airport security tape stickers, combustion residues and some water repellent coatings
- Extremely low substrate attack potential for most commercial resins, plastics, urethanes and synthetic rubbers
- Suitable for use on metallics and composites
- Low evaporation rate reduces solvent consumption by up to 85%
- Reduces VOC emissions and human exposure to hazardous substances
- Wipe system uniquely designed to prevent solvent loss and evaporation during storage
- Wipe system eliminates hazardous liquid transport, storage and logistics
- Store at point of use
- Available in both liquid and impregnated wipes



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## AEROSPACE INDUSTRY SEALANT REMOVER

### Applications & Key Properties

- Ideally suited for removal of sealant and adhesive residues
- Effectively removes JC11 sealant, general soils & greases, semi-cured polysulphide sealants, engineers blue, green storage protection fluids & residues
- Effective for fire proof curtain cleaning, landing gear break-down cleaning and engine cowling cleaning
- Substitute for flammable, fast evaporating solvents in aerospace manufacturing and MRO
- Offered in both liquid and impregnated wipes
- Wipes used are low linting and have higher resistance to tearing than other alternative products
- Low skin irritation potential (7 times less than mineral spirits)
- Classified as combustible

### Approvals

- Airbus to ABR 90140 Types 2 & 3
- Bombardier Shorts Aerospace to BAPS 180-009
- Boeing D6-17487 Rev L
- Douglas Aircraft Company CSD # 1
- AMS 1526B

For a complete list of approvals contact PT Technologies Europe

Distributed By:

### Product Description

PF-SR is a solvent based cleaning system designed to provide effective surface cleaning of sealant residues, fabrication soils, markings and Skydrol residues on metallics and composites.

### Health & Safety

PF-SR is intended to replace chlorinated products such as 1,1,1 Trichloroethane, Perchloroethylene, Trichloroethylene and other potentially hazardous mineral spirit and kerosene based solvent blends. The use of PF-SR in impregnated wipe format on the shop floor has been independently monitored showing that typical exposure values never exceeded 2% of WEL. These values are an order of magnitude lower, than those values usually recorded for most solvent cleaning products. PF-SR is classified as combustible. The bucket wipe system eliminates the risk of flash-fires, logistic and storage issues of flammable liquids and the risk of pollution by liquid spillage. PF-SR has a low vapour pressure of <1mm Hg at 20°C, which makes air emissions easier to control and contains no photo chemically reactive materials. PF-SR is environmentally responsible (no ozone depleting potential) and reduces solvent exposure to personnel. As a precautionary measure Personal Protective Equipment should be used. Safety Glasses are recommended when eye contact may occur. Use Nitrile solvent resistant gloves if handling over extended periods.

### Evaporation and VOC Emissions

PF-SR is a 100% volatile solvent and leaves no residue after complete evaporation (typically less than 100ppm nvr). It has a low evaporation rate when compared to MEK, Acetone, Isopropyl Alcohol and other traditional solvents. PF-SR evaporates slightly faster than water. When wiped or blown to a thin film, evaporation typically occurs in less than 3 minutes. This controlled evaporation allows a significant reduction in solvent consumption and VOC emissions.

### Compatibility

PF-SR has been tested and approved by SMI to Boeing, Douglas Aircraft and AMS cleaning specifications. It has passed appropriate acrylic crazing tests. The product has a low content of sulphur chlorides, nitrogen, peroxides and acids ensuring it is non-corrosive on almost all metals such as copper, aluminium, magnesium, stainless steel etc. It has documented compatibility with resins, plastics and elastomeric rubbers. Test results are available from PT Technologies Europe.

### Instructions for Standard Use

PF-SR is offered in both liquid and a high strength low lint wipe designed for "wipe on/wipe off" use.

1. Apply a thin film of PF-SR using either liquid or an impregnated wipe
2. Allow 1-2 minutes for surface action to dislodge contaminants
3. Wipe the surface with a clean, dry lint free cloth (recommended)
4. Allow surface to dry and apply coating/sealing etc as required

Repeated use of a PF-SR wipe is possible without further solvent addition, until the wipe becomes saturated with contaminants.

### PF-SR Pack Codes

Product Code	Product Description	Units Sold By	Bar Code
PFSR/1L-GB/DE	PFSR 12 x 1 Litre Bottle	12 Bottles/Case	
PFSR/250W-GB/DE	PFSR 250 Bucket Wipe	Each	
PFSR/24W-GB/DE	PFSR 24 Wipe Flat Pack	30 Packs/ Case	
Triggers	Spray trigger for 1 litre bottle	Each	

TERMS: NET 30 DAYS

A 1.5% CHARGE IS ADDED TO PAST DUE AMOUNTS PER MONTH—18% PER ANNUM F.O.B. OUR WAREHOUSE—SURREY, B.C.—G.S.T. NOT INCLUDED

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