

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
- Controlled evaporation reduces solvent consumption and VOC emissions when compared with fast evaporating solvents
- Wipe system uniquely designed to prevent solvent loss and evaporation during storage
- Wipe system eliminates the hazardous transport, storage and logistic issues encountered with loose liquids
- Store at point of use
- Available in both liquid and impregnated wipes
- Cloth approved to AMS 3819C Aerospace Standard for Critical Cleaning Operations and meets Boeing BMS 15-5F specification requirements*

*exclusions may apply



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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 fast evaporating solvents in aerospace OEM & 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
- Cloth approved to AMS 3819C Aerospace Standard & meets BMS 15-5F specification requirements*

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
- Rolls Royce OMAT 1-257Z

For a complete list of approvals contact PT Technologies Europe

*exclusions may apply

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. The wipe system eliminates the logistic and storage issues of loose liquids and the risk of pollution and flash-fires from 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.

Packaging Types

PF-SR is available as standard in convenient, fit-for-purpose packaging in both liquid and impregnated wipe form:

- 1 litre bottle (12 bottles/case)
- 250 wipe bucket (each)
- 24 wipe flat pack (30 packs/case)
- Trigger sprays available to accompany 1 litre bottle (each)

Please contact us to discuss your specific packaging needs. We can offer bespoke dosage, packaging sizes, labeling and branding options to interested parties should the quantities permit.

Approved by: ✓  AIRBUS ✓  BOMBARDIER ✓  BOEING ✓  DOUGLAS AIRCRAFT