

PF AquaForte

AN ALTERNATIVE TO SOLVENT CLEANING



- Water-based alternative to solvent cleaners for surface cleaning and degreasing in manufacturing, fabrication and maintenance in aerospace and other industries
- Provides effective cleaning and degreasing of oils, soils, cutting fluids and sealant residues
- Removes the majority of uncured polysulphide sealants and RTV materials along with general workshop soils
- Effective on metals, composites, acrylics, polycarbonates and plastics
- Non toxic, non flammable and non hazardous classification
- Eliminates hazardous transport, storage and logistic issues associated with flammable liquid solvents
- Guaranteed to reduce VOC emissions when moving from solvent cleaning agents
- Reduces worker exposure to hazardous substances
- Excellent for working in confined spaces
- Available in both liquid and impregnated wipes



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Applications & Key Properties

- Surface cleaning and degreasing in manufacturing, fabrication and maintenance
- Surface removal of wet/tacky Polysulphide sealants
- Ideal replacement for solvent-based cleaners
- Offered in both liquid and high strength low lint wipe designed for "wipe on/ wipe off" use
- Approvals by Airbus UK in accordance with ABR 9-0140
- Compatible with surfaces (metal, composites and plastics) found in aerospace and defence cleaning and maintenance
- Guaranteed to reduce VOC emissions if moving from solvent cleaning agents
- Non hazardous classification for logistics, transport and storage
- Low odour, non toxic

Tested for and conforms to:

- Aerospace standards for paint adhesion and softening
- Sealant adhesion
- Compatibility with composite materials
- Stress crazing of sensitive materials
- Sandwich corrosion and freedom from corrosive action

Distributed By:

Product Description

PF AquaForte is a water-based cleaning system designed to provide effective surface cleaning and degreasing of oils, soils, cutting fluids and sealant residues on metals, composites and plastics. PF AquaForte is a blend of detergents and cleaning agents which contain no caustic, phosphates, nitrites, phenols, borates or "butyl" products.

Health & Safety

PF AquaForte was designed to replace traditional fast evaporating solvents such as MEK, Acetone, IPA and other solvent based degreasers. As it is a water-based product it eliminates the risk of flash-fires, logistic and storage issues commonly associated with flammable liquid solvents. The wipe system eliminates liquid spillages, eye splashes, slips and falls and other issues associated with loose, bulk liquids. PF AquaForte is environmentally responsible (no hazardous air pollutant or ozone depleting potential) and worker friendly as it reduces exposure to hazardous substances. It does not contain any halogenated solvent components or suspected carcinogens, teratogens or mutagens. PF AquaForte does not require any special precautions when handling or using the product but as a precautionary measure personal protective equipment should be used. Safety glasses are recommended where eye contact may occur. It is always best practice to refer to the local area COSHH assessment for further instructions.

Evaporation and VOC Emissions

PF AquaForte is water-based and evaporates at roughly the same rate as water. It is a non toxic and non hazardous alternative to solvent cleaners and can assist a company to reduce VOC emissions when moving from solvent cleaning agents.

Compatibility

PF AquaForte has been tested for paint adhesion, paint softening, sealant adhesion and compatibility with composite materials, stress crazing of sensitive materials (acrylic and polycarbonates), sandwich corrosion and freedom from corrosive action to an Aerospace standard of conformity. These test results are available from PT Technologies Europe.

Instructions

PF AquaForte 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 AquaForte using either the liquid or a pre-impregnated wipe
2. Allow 1-2 minutes to dislodge contaminants
3. Use the cloth's abrasive action to dislodge persistent contaminants if necessary
4. Wipe off with the same pre-impregnated wipe or with a clean, dry cloth if using liquid
5. Wipe the surface with a clean, dry low lint cloth (recommended)

Packaging Types

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

- 1 litre bottle (12 bottles/case)
- 150 textured wipe bucket (each)
- 24 textured 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:  Rolls-Royce  AIRBUS  SAFRAN Messier-Dowty