



Product Information

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P0427A / P0427B Fluorinated Cleaning Agent

Description

P0427A (Aerosol) P0427B (Bulk) are proprietary nonflammable fluorinated solvents with a uniquely high boiling point allowing application in areas where other fluorinated solvents would evaporate rapidly. They are ideally suited for applications involving the dissolving of other fluorinated lubricants or compounds. This solvent's unique physical properties include high boiling point, high density, low vapor pressure and low surface tension, making it ideal for cleaning fluorinated oils and particulate matter from metal and non-metal parts or application of thin films onto high temperature substrates.

ADVANTAGES:

- High boiling point; Low vapor pressure
- Leaves no residue
- 100% Nonflammable
- Easily dissolves fluorinated compounds
- Compatible with most plastics, elastomers and metals
- Chemical and thermal stability
- Non-ozone depleting

PROPERTIES OF SOLVENT:

(Immersion: 15 Minutes at Room Temperature)

Liquid density.....1.7 g/cc
Boiling point.....80-110°C
Vapor pressure.....45 mmHg
Viscosity.....0.9 cs
Flash point.....None

PLASTIC COMPATIBILITY:

(Immersion: 15 Minutes at Room Temperature)

- Polyethylene
- Polyphenylene Oxide, PPO
- Polyester, PET,PBT
- Polyimide, PI,PEI,PAI
- Polyetherketone, PEK
- Polyaryletherketone, PEEK
- Polyarylsulfone
- Polypropylene
- Polyphenylene Sulfide, PPS
- Acetal
- Epoxy
- Liquid Crystal Polymer
- Phenolic
- PTFE, ETFE
- CPVC, PVC
- Ionomer
- Polysulfone
- Polystyrene

ELASTOMER COMPATIBILITY:

(Immersion: 15 minutes at Room Temperature)

- Buna N, NBR, Nitrile
- Butyl Rubber, IIR
- EPM, EPDM
- Natural Rubber, Isoprene
- Urethane
- Silicone
- Buna S, SBR, GRS
- Chlorosulfonated PE
- Polysulfide
- Neoprene
- Viton™

Note: Test for compatibility before use.

METAL COMPATIBILITY:

(2 weeks at 212°F/100°C in sealed tubes)

- Zinc¹
- Stainless Steel
- Brass¹
- Aluminum
- Copper¹

P0427A /P0427B are not compatible with strong bases; therefore, contact with highly basic process materials is not recommended.

¹Slight discoloration with water present.

Note: Test for compatibility before use.

Safety Data Sheets (SDS) are available upon request.

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