



SkyKleen™ aviation solvent

A new generation aviation solvent that combines excellent cleaning performance with environmentally friendly characteristics

Cleaning applications

- Skydrol™ removal
- Polysulfide sealant removal (cured/uncured)
- RTV removal
- Degreasing
- Carbon removal (brake and piston housings)
- Engine cleaning
- Final cleaning prior to painting and bonding
- General surface cleaning
- Carbon epoxy composite surface cleaning
- Fiberglass resin removal
- Adhesive/epoxy removal

Environmentally friendly

- Inherently biodegradable
- Nonhalogenated
- Nonozone depleting
- Minimizes VOC emissions
- Nonhazardous waste per RCRA

Productivity considerations

- Will not adversely affect metals
- Leaves no residue
- Slower evaporation minimizes solvent consumption
- Better penetration/minimizes waste
- Cost-effective vs. other replacement solvents

Safety considerations

- Noncombustible (flash point = 102°C/216°F)
- Noncaustic
- Low odor
- Improved worker safety
- Nonhazardous by DOT shipping regulations

Physical properties

- Clear, water-white liquid
- Low odor
- Distillation range: 195° to 216°C (383° to 421°F)
- Density @ 20°C (68°F): 1.09 g/mL (9.06 lb/gal)
- Viscosity @ 25°C (77°F): 3.88 cP
- Freezing point: -40°C (-40°F)
- Solubility in water: 5.5% (w/w)
- Flashpoint (Pensky-Martin CC): 99°C (210°F)
- Autoignition temperature: >400°C (>752°F)
- Vapor pressure: 0.08 hPa @ 20°C (68°F)
- AIT: 438°C (820°F)

Qualifications

- Boeing BAC 5750, Airbus AIMS 09-03-001/IPS 09-03-001-02





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