



Sur-Prep®

SURFACE PREPARATION & AVIONICS CLEANERS

SUR-PREP® 123



Product description:
**PRECISION CONTACT AND OXYGEN
SYSTEMS CLEANER**

FEATURES:

- ▶ An environmentally sensible solvent

KEY BENEFITS:

- ▶ Does not leave a residue
- ▶ Safe on Polycarbonates, PVC, PET, HDPE, ABS, Viton, Neoprene, and Butyl-rubber
- ▶ Not flammable
- ▶ Not explosive
- ▶ Does not harm metal, paint, varnished surfaces, as well as most plastics and elastomers
- ▶ Excellent solvent replacement for a variety of cleaning processes, such as instruments, APU kits, bearings, and oxygen system equipment
- ▶ Evaporates quickly
- ▶ Wide solvency range
- ▶ Solvency and physical properties make **Sur-Prep® 123** ideal for precision cleaning, drying of high sensitivity parts, and the cleaning of oxygen systems.



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10-20-2021

 For more information contact us :
zipchem@addevmaterials.com

 Part of 

SUR-PREP® 123



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SPECS:

- NASA/TP-2015-218207 (Preferred solvent for cleaning LOX systems)
- NSN: 6850-01-671-8497 (Aerosol) (Called out)
- NSN: 6830-01-678-3176 (10 lb (4535.9 gram) Bulk Cylinder) (Called out)
- T.O. 15X-1-1 (Called out)

APPLICATIONS:

- ✓ Pretest **Sur-Prep® 123** on sensitive plastics as **Sur-Prep® 123** will craze acrylics
- ✓ With regards to elastomers, **Sur-Prep® 123** will affect EPDM, NBR, and Buna, but is safe on Viton, Neoprene, Butyl-rubber, and others
- ✓ Bulk containers come with a CGA 165 valve that can be adapted down to whatever size will interface with the oxygen line being serviced, including flare and Swagelok fittings
- ✓ Aerosols can be used for cleaning the oxygen system fittings.
- ✓ Use the bulk form of **Sur-Prep® 123** to clean LOX lines
- ✓ Use the aerosol of **Sur-Prep® 123** to clean fittings

PHYSICAL PROPERTIES:

- ▶ **Boiling Point (C°):** 19
- ▶ **Density (g/cm, 25°C (77 °F)):** 1.26
- ▶ **Flash Point:** None
- ▶ **Global Warming Potential:** <5 (CO₂ =1.0)



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PHYSICAL PROPERTIES:

- ▶ **KB Value:** 25
- ▶ **Surface Tension (dyne/cm, 25°C (77°F)):** 12.7
- ▶ **VOC:** 0 g/L (exempt solvent)

AVAILABLE PACK SIZES:

- ▶ Case of 12 Aerosols-102815
- ▶ 10 Pound (4535.9 gram) Cylinder-102933
- ▶ 50 Pound (22679.6 gram) Cylinder-102934
- ▶ Special Packaging Upon Request

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