

## Product Description

**DS-104 Solvent** – a precision cleaning solvent especially good at removing hydrocarbon soils such as oils, greases and tars as well as common shop contaminants, epoxies and sealants. **DS-104** evaporates quickly at room temperature leaving a perfectly clean surface ready for painting, coating, bonding, sealing or final assembly.

**DS-104** has low toxicity per studies by independent toxicologists and has been approved for silicone residues removal in the Space Shuttle program. Although developed as a hand-wipe cleaner, **DS-104** is also used in dip tank and ultrasonic applications.

## DS-104 Benefits

- Exceptional cleaning effectiveness
- Best available solvent blend in removing silicone residues
- Dries quickly and leaves no residue
- Biodegradable
- Low toxicity
- Safe to use on a wide variety of surfaces
- Non-corrosive
- No Ozone Depleting Substances (ODS) Hazardous Air Pollutants (HAP)
- EPA SNAP approved
- Aerospace NESHAP compliant

## Packaging Sizes

Part #	Packaging	NSN
104.1	55-gal drum	7930-01-367-0985
104.2	5-gal jerrican	7930-01-367-0986
104.3	4 x 1-gal case	7930-01-367-1000
104.4	24 x 1-pint case	7930-01-367-1001
104.5	1-gallon	

**DS-104** is also available in a variety of pre-saturated wiping products.

## DS-104 Properties

Flashpoint (TCC)	105°F / 40.6°C
Boiling Point	257°F / 125°C
Specific Gravity	0.89 @ 20°C
Surface Tension	17.4 (dynes/cm)
Vapor Density	>4.0
Vapor Pressure	3.5 mm Hg @ 20°C
Lb/gallon	7.4 @ 20°C
Solvency Parameters:	
Hydrogen bonding	16.1
Polarity	5.9
Dispersion	6.6

The shelf life of DS-104 is not limited when stored below 100°F in unopened containers.

## Partial List of Specification Approvals

Alliant Tech Systems	121265
Lockheed Martin Aero	LMA-MN040 TY I FMS 2004 TY I 5PTMNG04 TY I 5PTMVL01-B
Texas Instruments	TI 2699610
United Space Alliance (Space Shuttle)	10753-0072
U.S. Navy	WS 26073
Vought Aircraft	207-9-459

The information contained within was obtained from authoritative sources believed to be accurate for the manner in which the product is intended to be used. Properties listed are typical values and are not intended for use in preparing specifications. Actual values may vary. No express warranties are intended by any representation and there are no warranties which extend beyond the description on the face thereof.

11/10/2006