# SolVantage® Metal Prep Solvents

# SolVantage® SD 1291

#### **Directions**

Wet cloth or towel with product. Wipe substrate until soil is removed. Change cloth or towel as needed. After soil has been removed, wipe excess solvent from surface with a clean, dry cloth, turning frequently. Change cloth or towel as needed.

# **Performance Properties**

#### **Substrates**

SolVantage SD 1291 is non-corrosive and non-staining to a wide variety of substrates. Some selected categories of materials compatible with SolVantage SD 1291 include\*:

Ferrous Metals: Carbon Steel • Stainless Steel

Non-Ferrous Metals & Alloys: Aluminum • Brass • Cadmium Plating • Chrome Plating • Copper (Alloys & Plating) • Hastelloy • Inconel • Magnesium & Magnesium Alloys • Monel • Ni-Cad Plating • Nickel, Nickel Alloys & Plating • Titanium & Titanium Alloys • Tin • Titanium & Titanium Alloys • Zinc & Galvanized

Plastics & Composites: High Density Polyethylene/HDPE • Polypropylene/PP

Other Surfaces: Concrete • Glass

#### Soils

SolVantage SD 1291 removes a wide range of organic and inorganic soils. Some categories of soils that can be removed with SolVantage SD 1291 include\*:

Adhesives • Caulks • Dirt (Particulate) • Fat • Fluorinated Greases • Grease • Inks • Oil (General, Cutting, Drawing Compounds, Fingerprints, Forming, Honey, Hydrocarbon, Lubricants, Self Emulsifying, Silicone/Greases, Sulfur/Chlorinated) • Smoke Residue • Uncured Urethane • Waxes

\*Although this information is believed to be accurate, cleaning performance should be confirmed via testing with specific contaminants under specific cleaning conditions.

# SolVantage SD 1291

 Low-odor, quick drying multi-purpose RTU wipe solvent for degreasing, replacement of MEK, Acetone, IPA in removal of CIC, oils and waxes. Residue-free.

Product Number: 304012 (Formerly Brulin SD 1291) Availability: 5 Gal (19L) • 55 Gal (208L)

### **Industry Approvals & Conformance**

- Ford: Tox #138532
- GM: FID Number 261497
- National Stock Number: 05 Size; 6850-01-423-1072
- Navy Specifications Removal of Grease and Adhesives to Replace MEK Publication Manual
  - 110-300 Air Frames
  - 150-300 Power Plants
- Sikorsky Aircraft (United Technologies): QPL SS9170/204 rev1

# **Test Compliance**

- ARP 1755A: Stock Loss (Cat. 9)
- ASTM D-471: Effect on Rubber Property
- ASTM D-485: Unpainted Aircraft Surfaces
- ASTM D-5229: Moisture Absorption
- ASTM F-519: Hydrogen Embrittlement (Type 1c)
- ASTM F-945: Titanium Stress Corrosion (AMS 4911 Alloy)

## **Typical Chemical Characteristics**

Physical Form	Liquid
Color	Water White
Odor/Fragrance	Sweet / Pungent
Viscosity	Water-Thin
Weight	7.91 lbs/gal
Boiling Point	212 - 350°F
Flash Point (PMCC)	155°F (PMCC)
Specific Gravity	0.95
Evaporation Rate	< 0.1 (n Butyl Acetate =1)
Vapor Pressure	0.4 mm Hg
V.O.C (weight %)	100%

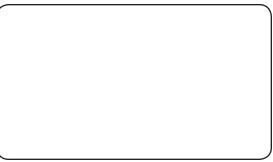
Shipping: Non-hazardous for shipping by ground, sea, or air in all package sizes.

Storage: Store in well-ventilated areas at temperatures between 40-110°F (4-43°C). The recommended shelf life of this product is 24 months.

Disposal: Dispose of waste and residues in accordance with local authority requirements. Please recycle container.

Prevention: Wear safety glasses with side shields (or goggles). Wear protective gloves.

**Authorized Representative:** 



BHC offers a full line of Brulin-branded industrial chemicals for industries such as Space & Aerospace, Automotive, Precision Metal, Medical and Optics.



317.923.3211 WWW.BHCINC.COM ISO 9001:2008 CERTIFIED Made in the USA

