



SolVantage® MP 200

MIL-PRF-680C Type 2 Solvent

PRODUCT BENEFITS AND PROPERTIES

Military specification, immersion & wipe solvent for removing adhesives, greases, oils and sealants. Inherently residue-free. Very low odor. Listed on the QPL to MIL-PRF-680C Type II. SolVantage® MP 200 is a good choice when a low odor cleaner with excellent material compatibility and low environmental impact is required. It is a high-performance solvent cleaner, offering broad-based solvency and low toxicity.

Benefits

- MIL-PRF-680C Type II
- Removes Adhesives, Greases and Oils
- Residue Free
- Low Odor
- Low Toxicity
- Good Solvency
- P-D-680 Replacement
- Non-Corrosive

INDUSTRY APPROVALS & CONFORMANCE

- MIL-PRF-680 Type II on Qualified Products List (DS-0044)
- Airbus per Consumable Materials List (CML) (ref. MIL-PRF-680)
- Boeing Aircraft Company as PSD 6-88 for BAC 5750 General Cleaning Solvent (as optional to P-D-680 specification)
- CFM Aircraft Engines: Mil-PRF-680 is approved for all aircraft engine cleaning applications calling for PD-680 Type I and Type II
- GE Aircraft Engines: C04-002 - approved for all engine cleaning applications calling for PD-680 Type I and Type II
- Honeywell Aerospace per MIL-PRF-680B qualifications
- Pratt & Whitney as PMC 9001-1, -2, -7, -10 Stoddard Solvent (MIL-PRF-680, Type I, II or III)
- Rolls Royce Aircraft Engines Approved for all aircraft engine cleaning applications calling for PD-680 Type II
- **National Stock Number:** 05 Size, 6850-01-474-2317
- **National Stock Number:** 55 Size, 6850-01-474-2316

TEST COMPLIANCE

- **ASTM D56:** Flash Point by Tag Closed Cup (TCC)
- **ASTM D130:** Copper Corrosion
- **ASTM D1353:** Non-Volatile Residue
- **ASTM D1133:** Kauri-Butanol Value
- **ASTM F483:** Total Immersion Corrosion
- **ASTM F945:** Titanium Stress Corrosion
- **ASTM F1110:** Sandwich Corrosion
- **FTM 791.7502:** Soil Cleaning Test

MATERIAL COMPATIBILITY

SolVantage MP 200 is non-corrosive and non-staining to a wide variety of substrates. Some selected categories of materials compatible with SolVantage MP 200 include*:

Ferrous Metals: Carbon Steel • Cast Iron • Stainless Steel

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

Other Surfaces: Concrete • Glass

SOILS

SolVantage MP 200 removes a wide range of organic and inorganic soils. Some categories of soils that can be removed with SolVantage MP 200 include*:

Adhesives • Caulks • Dirt (Particulates) • Fats • Fluorinated Greases • Greases • Oils (General, Cutting, Drawing Compounds, Fingerprints, Forming, Honey, Hydrocarbon, Lubricants, Self-emulsifying, Silicones/Greases, Sulfurized/Chlorinated) • Smoke Residue • Tar & Pitch • Waxes

**Material compatibility should always be confirmed via testing with specific contaminants under specific cleaning conditions.*

DIRECTIONS

SolVantage MP 200 is a ready-to-use product. DO NO DILUTE OR MIX WITH OTHER CHEMICALS.

Immersion - Fill the container / tank with solvent. Allow enough head room to account for volume displacement by the parts. Immerse parts in solvent. Provide agitation as needed to help lift the soil off the parts. Air-sparging is not recommended. Remove parts and allow excess solvent to drain back into the container / tank. Set parts aside to dry. Always leave the tank covered when not in use.

Wipe - Wet cloth or towel with product. Wipe substrate until soil is removed. Turn, fold or change cloth as needed. Use a dry, clean cloth or towel to speed-up drying.

Sink on Drum – Fill the container / tank with solvent. Spray parts to lift the soil off the parts. Allow excess solvent to drain back into the sink. Set parts aside to dry.

Baron Blakeslee Terpinator – Follow equipment manufacturer's directions for machine operation. Follow label instructions.

Vacuum Vapor Degreasing Systems – Follow equipment manufacturer's directions for machine operation. Follow label instructions.

USE RECOMMENDATIONS

System	Immersion or Wipe
Boiling Point	381.2°F (194°C)
Cleaning Duration	1-30 minutes

TYPICAL CHEMICAL CHARACTERISTICS

Physical Form	Liquid
Color	Water-White or Colorless
Fragrance	Odorless to Mild Hydrocarbon
Vapor Flammability	Limit in Air, VOL % 0.7% LEL 5.4% UEL
Viscosity	2.1 mm ² /s @ 20°C
Distillation	Initial 193°C, Dry Point 204°C
Auto-ignition Temperature	446°F (230°C)
Vapor Pressure	.85 mmHg @20°C
Weight	6.65 lb/gal
Surface Tension	24 Dynes
Flash Point	153 °F (67°C)

SHIPPING, STORAGE, DISPOSAL & PREVENTION

Please refer to the Safety Data Sheet for shipping, storage, disposal and prevention guidance.

AVAILABILITY

- 5 Gal (19L)
- 55 Gal (208L)

Product #: 304036