



SolVantage® Select

Vapor Degreasing Solvent

PRODUCT BENEFITS AND PROPERTIES

SolVantage® Select is a precision vapor degreasing solvent mixture of 1,2 trans-dichloroethylene and proprietary fluorinated solvents. SolVantage Select does not contain HFC's. This solvent blend is perfectly suited for vapor degreasing in equipment designed for precision cleaning. Select can reliably replace other vapor degreasing solvents such as n-propyl bromide (nPB), 3M Novec®, Chemours Vertrel® and other fluorinated solvents.

Benefits

- High Solvency
- No Surface Residues
- Low Surface Tension
- Low Viscosity
- Non-Flammable, No Flash Point
- No Drop Test Required

Environmental Properties

- Zero ODP
- Low GWP- 174.7
- US EPA SNAP Approved
- No SARA Title III Reporting
- Not a Hazardous Air Pollutant (HAP)
- Not regulated under NESHAP

MATERIAL COMPATIBILITY

SolVantage Select is non-corrosive and non-staining to a wide variety of metallic substrates

- Copper, Stainless Steel, Aluminum, Titanium, and other metals commonly used in precision parts manufacturing

Some selected categories of materials compatible with SolVantage Select include most polymers and elastomers typically encountered vapor degreasing of precision parts.

- Polyethylene • Polyvinylchloride (PVC, CPVC) • Polyester (PET, BET) • Polyimide (PI, PEI, PAI) • Polyetherketone (PEK) • Polyaryletherketone (PEEK) • Polyarylsulfone (PAS) • Polyphenylene Sulfide (PPS) • Polypropylene • Acetal • Epoxy • PTFE, Teflon • Polysulfone (PSO) • Phenolic • Ionomer • EPDM

INCOMPATIBLE MATERIALS: Polystyrene, Polyphenylene Oxide (PPO), Polycarbonate, ABS, Epichlorohydrin, Silicone, Natural Rubber, Acrylic

SOILS

SolVantage Select removes a wide range of organic soils. Some categories of soils that can be removed with SolVantage Select include*:

Buffing compounds • Corrosion Inhibiting Compounds (CICs) • Greases • Hydraulic Fluids • Oils (Drawing, Silicone) • Particulate • Metalworking Fluids: Straight Oil and Synthetic • Krytox • FPI Fluid

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

USE RECOMMENDATIONS

System	Open Top Vacuum Vapor Degreaser
Boiling Point	107.6°F (42°C)
Cleaning Duration	1-30 minutes: typical parts are clean in 3-10 minutes

TYPICAL CHEMICAL CHARACTERISTICS

Physical Form	Liquid
Color	Colorless
Odor/Fragrance	Slight
Viscosity	0.41 cPs
Weight	10.89 lb/gal (1.305 g/ml)
Vapor Pressure	292 torr
Heat Capacity	0.270cal/g @20°C
KB Value	94
Flash Point per ASTM D93 and ASTM D56	None
Vapor Flammability Limit in Air, VOL %	LEL – 5.7% UEL – 19%
V.O.C.	886 g/l
Freeze/Thaw	Keep from Freezing

SHIPPING, STORAGE, DISPOSAL & PREVENTION

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

AVAILABILITY

- 5 Gal (19L) - 50 Lbs (23KG)
- 55 Gal (208L) - 551 Lbs (250KG)

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