

**Enviro Tech International EnSolv® n-Propyl Bromide Vapor Degreasing Solvent**

Category : Fluid , Solvent

**Material Notes:**

EnSolv is the perfect direct replacement for TCE, Perchloroethylene, 1,1,1-Trichloroethane and other hazardous vapor degreasing and general use solvents for critical applications such as oxygen service, precision optics, medical devices, high vacuum components and electronics. EnSolv is a superior cleaner for oxygen service lines and components that leaves virtually no residue and conforms to SAE ARP1176. It is an excellent choice for removal of a wide range of organic soils by vapor degreaser, ultrasonic cavitation, dip tank, flushing or hand wiping. EnSolv is a patented azeotropic mixture that can be distilled and reused through numerous cycles before it needs to be replaced. EnSolv is compatible with all metals and many plastics and other materials typically cleaned in vapor degreasers, ultrasonic tanks or manually. Information provided by Enviro Tech International.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Enviro-Tech-International-EnSolv-n-Propyl-Bromide-Vapor-Degreasing-Solvent.php](http://www.lookpolymers.com/polymer_Enviro-Tech-International-EnSolv-n-Propyl-Bromide-Vapor-Degreasing-Solvent.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	75°F (water = 1)
Density	0.00512 g/cc	0.000185 lb/in <sup>3</sup>	Vapor Density
Water Absorption	<= 0.020 %	<= 0.020 %	
Viscosity	0.49 cP @Temperature 25.0 °C	0.49 cP @Temperature 77.0 °F	
Vapor Pressure	0.179 bar @Temperature 25.0 °C	134 torr @Temperature 77.0 °F	
Surface Tension	25.9 dynes/cm	25.9 dynes/cm	200°C

Thermal Properties	Metric	English	Comments
Heat of Vaporization	246 J/g	106 BTU/lb	
Specific Heat Capacity	1.09 J/g-°C	0.260 BTU/lb-°F	
Boiling Point	70.0 °C	158 °F	
Decomposition Temperature	>= 400 °C	>= 752 °F	
Flammability Test	3.8 - 9.5	3.8 - 9.5	vol% limits based on n-Propyl Bromide

Electrical Properties	Metric	English	Comments
Dielectric Breakdown	21000 V	21000 V	AC

Descriptive Properties	Value	Comments
Acid Acceptance, as NaOH	>0.19% by wt.	
Acidity , as HCl	< 0.0010% by wt.	
Appearance	Clear; free of suspended matter	
Atmospheric Lifetime	about 19 days	
Base Materials Meets ASTM D6368	Yes	
Evaporation Rate (Butyl Acetate = 1)	4.7	
Flash Point TCC	None	
Global Warming Potential (GWP)	Almost zero (0.00005 - 0.0002)	
Hansen Parameter Non-Polar	16	
Hansen Parameter Polar	5.8	
Hildebrand Parameter	17.9	
Kauri Butanol Number	130	
Ozone Depletion Potential (ODP)	0.016	

## Contact Songhan Plastic Technology Co.,Ltd.

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