

Enviro Tech International EnSolv® 5408 n-Propyl Bromide Vapor Degreasing Solvent

Category : Fluid , Solvent

Material Notes:

EnSolv-5408 is the only Boeing approved, stabilized n-Propyl Bromide based solvent for the replacement of Trichloroethylene, Perchloroethylene and 1,1,1-trichloroethane in aerospace vapor degreasing. EnSolv-5408 is listed as an approved material on Boeing's BMS 11-11 specification for use under BAC 5408. In addition, EnSolv-5408 has been approved by Bell Helicopter under Materials Bulletin 1918 for vapor degreasing. EnSolv-5408 is a patented azeotropic mixture that can be distilled and reused through numerous cycles before it needs to be replaced. EnSolv-5408 is compatible with all metals and many plastics and other materials typically cleaned in vapor degreasers. EnSolv-5408 has passed all stress corrosion and hydrogen embrittlement tests for titanium. Information provided by Enviro Tech International.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Enviro-Tech-International-EnSolv-5408-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 ³	Vapor Density
Water Absorption	<= 0.010 %	<= 0.010 %	
Vapor Pressure	0.179 bar @Temperature 25.0 °C	134 torr @Temperature 77.0 °F	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.09 J/g-°C	0.260 BTU/lb-°F	
Boiling Point	70.0 °C	158 °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	
Base Materials Meets ASTM D6368	Yes	

Descriptive Properties	Value	Comments
Evaporation Rate (Butyl Acetate = 1)	4.7	
Flash Point TCC	None	
Kauri Butanol Number	130	

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