

STA-SOL® PC

Resin Cleaning Solvent

OVERVIEW

Sta-Sol® PC is a safe, high-performance chemical solvent that effectively dissolves and removes a wide range of polymeric resins used in additive manufacturing environments. Propylene Carbonate is a low odor, water soluble solvent with a low vapor pressure and high flash point.

PROPERTIES

Property	Value
Chemical Name	Propylene Carbonate
CAS No.	108-32-7
Appearance	Clear, Colorless liquid
Odor	Mild
Flash Point	275 °F (135 °C)
Boiling Range	242 - 243 °C (468 - 469 °F)
Vapor Pressure	0.03 mmHg @ 20 °C (68 °F)
Specific Gravity	1.204g/cm ³
Water Solubility	Miscible / 100%
Biodegradability	Readily biodegradable (OECD 301F)
Shelf Life	6 Months

STORAGE, HANDLING & DISPOSAL

Store Sta-Sol® PC in a cool, dry, and well-ventilated location with containers tightly closed and kept away from heat, sparks, and open flames. Ensure adequate ventilation during use and wear personal protective equipment, including chemical-resistant gloves and safety glasses, to avoid contact with skin, eyes, and clothing. Avoid breathing vapors and do not cut, weld, or drill near empty containers, as they may still contain hazardous combustible residues. Finally, do not dump the material into sewers or the environment; instead, dispose of it through a licensed contractor or thermal destruction facility in compliance with federal and local laws.

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