

STA-SOL® DPM

Resin Cleaning Solvent

OVERVIEW

Sta-Sol® DPM is a high-performance chemical solvent that effectively dissolves and removes acrylate-based resins in Digital Light Processing (DLP) and Stereolithography (SLA) 3D printing post-processing. Composed of high-purity dipropylene glycol monomethyl ether, DPM provides a safer, more operationally efficient alternative to Isopropyl Alcohol (IPA) in industrial additive manufacturing environments.

PROPERTIES

Property	Value
Chemical Name	Dipropylene Glycol Monomethyl Ether (DPM) Concentration: >99%
CAS No.	34590-94-8
Appearance	Colorless liquid
Odor	Mild, Ether-like
Flash Point	167 °F (75 °C)
Boiling Range	356 °F – 373.3 °F (180 °C – 190.6 °C)
Specific Gravity	0.951 g/cm ³
Water Solubility	Miscible / 100%
Biodegradability	Readily biodegradable (OECD 301F)
Shelf Life	6 Months

STORAGE, HANDLING & DISPOSAL

Store Sta-Sol® DPM 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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