

**SL5-001D**

Product Description: SL5-001D is a low viscosity acrylic UV-cure coating system that allows for clean, convenient application in roll-on or spray systems. The material possesses excellent self-leveling capability and exhibits a tack-free, pleasant glossy surface finish when cured. Curing can be accomplished with a variety of UV-cure systems, but LED cure is recommended in the 300-400 nm wavelength range. The material exhibits excellent adhesion to a variety of substrates, including great adhesion to polypropylene (PP). The cured material possesses good hardness, great flexibility, great impact strength, and good weathering resistance.

Suggested Applications: Medical Device Adhesives, Nail Gel Topcoat, Plastic Coatings, Automotive Topcoat, Fireworks/Explosives Containment, Armored Vehicle Topcoat, Marine Coatings

Key Property Features:

Good Glossy Appearance
Great Impact Resistance

Great Flexibility
Good Weathering Resistance

Good Hardness
Excellent Adhesion

Technical Data

Property	Test Method	Result
Viscosity (cP)	Vevor NDJ-5S, Spindle 4, 60 rpm	2,573
Density (g/mL)	Pipet Density Method	1.130
Hardness	Shore D Durometer	77

Product Handling and Storage: Material should be kept stored in black jar or syringe it was packaged in and away from exposure to light when not in use. Material should be stored in temperatures ranging from 20-40°C for best results. Use standard PPE in area with good ventilation.

Disclaimer: This TDS was put together from a pilot trial sample using preliminary test results. The information presented here is not necessarily an indicator of guaranteed consistent properties for this material. The user will have to evaluate **SL5-001D** in their end application to check for suitability in meeting their material requirements. We encourage communication with our team to provide feedback on our products so that we can make necessary adjustments to meet all your property requirements in your application.