

**SL5-001G**

Product Description: **SL5-001G** is a medium viscosity acrylic UV-cure coating system that allows for clean, convenient application in roll-on, brush, or adhesive auto-dispensing systems. The material possesses good self-leveling capability and exhibits a tack-free, satin 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 good adhesion to a variety of substrates. The cured material possesses good hardness, great toughness, great impact strength, and good chemical resistance.

Suggested Applications: Medical Device Adhesives, Plastic Coatings, Fireworks/Explosives Containment, Floor Coatings, Bar Coatings, Furniture Coatings, Antimicrobial Coatings, Plastic Adhesives

Key Property Features:

Great Toughness

Great Flexibility

Good Hardness

Great Impact Resistance

Good Chemical Resistance

Technical Data

Property	Test Method	Result
Viscosity (cP)	Vevor NDJ-5S, Spindle 4, 60 rpm	4,721
Density (g/mL)	Pipet Density Method	0.991
Hardness	Shore D Durometer	67

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 **SL5-001G** 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.