



SL5-001I

Product Description: SL5-001I is a higher viscosity acrylic UV-cure adhesive that allows for clean, convenient application in adhesive auto-dispensing systems with some parameter adjustments. The material possesses good sagging resistance and exhibits a tack-free, 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 good adhesion to a variety of substrates. The cured material possesses high hardness, excellent impact strength, and great scratch resistance.

Suggested Applications: Medical Device Adhesives, Plastic Adhesives, Nail Gel Glue Extensions, Electronics Encapsulation, Crack Sealing

Key Property Features:

High Hardness
Excellent Impact Strength

Great Scratch Resistance
Glossy Appearance

Good Sag Resistance
Good Adhesion

Technical Data

Property	Test Method	Result
Viscosity (cP)	Vevor NDJ-5S, Spindle 4, 6 rpm	29,210
Density (g/mL)	Pipet Density Method	1.036
Hardness	Shore D Durometer	83

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 **SL5-001I** 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.