



SL5-001H

Product Description: SL5-001H is a medium viscosity acrylic UV-cure adhesive that allows for clean, convenient application in adhesive auto-dispensing systems. The material possesses good self-leveling capability 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 lower hardness, excellent flexibility, good impact strength, and good toughness.

Suggested Applications: Medical Device Adhesives, Plastic Adhesives, Nail Gel Color Layer, Glossy Printing Inks, Electronics Encapsulation

Key Property Features:

Good Toughness

Excellent Flexibility

Lower Hardness

Good Impact Resistance

Glossy Appearance

Technical Data

Property	Test Method	Result
Viscosity (cP)	Vevor NDJ-5S, Spindle 4, 6 rpm	12,188
Density (g/mL)	Pipet Density Method	1.064
Hardness	Shore A Durometer	90

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 **SL5-001H** 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.