

**SL5-001A**

Product Description: **SL5-001A** is a low viscosity acrylic UV-cure coating system that allows for clean, convenient application. The material possesses excellent self-leveling capability and exhibits a tack-free, matte translucent 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 great adhesion to a variety of substrates. Material possesses very high flexibility and lower hardness for cured properties.

Suggested Applications: Electronics Encapsulation, Plastic Adhesives, Matte Printing Inks, Medical Device Adhesives, Plastic Coatings

Key Property Features:

Matte Surface Finish
Lower Hardness

Fast Curing Speed
Excellent Flexibility

Great Adhesion

Technical Data

Property	Test Method	Result
Viscosity (cP)	Vevor NDJ-5S, Spindle 4, 60 rpm	400
Density (g/mL)	Pipet Density Method	1.046
Hardness	Shore A Durometer	80

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 **SL5-001A** 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.