

NEXUS™ 71201

GENERAL PURPOSE UV CURE ENCAPSULANT

TECHNICAL DATA **July 2014**

Product Description

General purpose, flowable encapsulant that provides hard coating protection. Dome Coating.

APPLICATIONS	FEATURES	SUBSTRATES	PACKAGING
<ul style="list-style-type: none"> • General Purpose Encapsulant 	<ul style="list-style-type: none"> • RoHS Compliant • Hard Coating • Clear 	<ul style="list-style-type: none"> • Plastics • Metals 	<ul style="list-style-type: none"> • Syringes

TYPICAL PROPERTIES OF UNCURED MATERIAL	
Property	Value
Chemical Class	UV Acrylate
Appearance	Clear
Viscosity, 10 RPM, cps	-
Viscosity, 100 RPM, cps	3,480
Specific Gravity	1.08
TYPICAL PROPERTIES OF CURED MATERIAL	
Property	Value
Glass Transition Temperature (Tg), °C	-16
Lap Shear Strength, Al/Al, PSI	-
Hardness, Shore	D65
Ultimate Tensile Strength, PSI	-
Elongation at Break, %	-
Young's Modulus (20°C), PSI	-
Volume Resistivity, Ω-cm	-

*All properties indicate typical values which are not meant to be used for preparing specifications.

PROCESSING	
Work Life	
Cure Options	UV cure @ 200 mW/cm ² minimum. 365 nm recommended.
Clean-Up Solvent	Isopropyl Alcohol

SHELF LIFE, STORAGE

18 ± 10° 1 Year DOM

THIS MATERIAL IS SOLD FOR INDUSTRIAL USE ONLY

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