



UVA0202

ONE COMPONENT UV CURABLE ADHESIVE

TECHNICAL DATA

Product Description

UVA0207 is a medium viscosity, fast curing urethane acrylate that bonds well to engineered plastics and metal based substrates. This product requires direct UV exposure during cure. Because of the variability of different UV light sources, it is suggested that the user test and specify UV intensity and exposure time. Short wave length UV light as 260nm will reduce its surface tacky.

APPLICATIONS

- PVC or PC clamshell
- Coner bonding
- Component bonding

FEATURES

- Non sag paste
- UV curable
- Fast cure time
- Reduced surface tack

RECOMMENDED SUBSTRATES

- Metals
- Plastics
- Glass

BIOCOMPATIBILITY

UNCURED PROPERTIES*

Property	Unit	Value	Test Method
Solvent Content		No Nonreactive Solvents	N/A
Chemical Class		Acrylated Urethane	N/A
Appearance		Clear	N/A
Soluble in		Organic Solvents	N/A
Specific Gravity		1.03	N/A
Viscosity @ 25°C	cps	22,000	N/A

CURED MECHANICAL PROPERTIES*

Property	Unit	Value	Test Method
Durometer Hardness	Shore D	55	ASTM D2240
Elongation	%	900	ASTM D638
Tensile strength	MPa	4.5	
Lap Shear Strength (PET/PET)	MPa	4.2	ASTM 1002
Operating Temperature Range	°C	-50 to 100	N/A

UV LIGHT CURE DATA*

Property	Unit	Value	Test Method
Minimum Intensity	mW/cm ²	200	N/A
Spectral Output	Nm	300 to 400	N/A
Optimum Wavelength	Nm	365, 415	N/A

Storage:

Store material in cool, dry location at a temperature between 10°C to 28°C. Material is sensitive to UV and visible light. It has a shelf-life of 6 months. Consult SDS for safe handling recommendations.

TACUSIL L.L.C. MAKES NO EXPRESS OR IMPLIED WARRANTIES OR MERCHANTABILITY, FITNESS OR OTHERWISE with respect to its products. In addition, while the information contained herein is believed to be reliable, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. All recommendations or suggestions for use are made without guarantee inasmuch as conditions of use are beyond our control. The properties given are typical values and are not intended for use in preparing specifications. Users should make their own test to determine the suitability of this product for their own purposes.