

VIVID CURE™ 71141

HIGH PERFORMANCE, UV CURE PLASTIC ADHESIVE

TECHNICAL DATA February 2016

Product Description

High performance adhesive for bonding PET/RPET. A non-sag paste, fast curing and flexible urethane acrylate that bonds well to engineered plastics and metal based substrates.

APPLICATIONS

- PET/RPET Clamshell Bond
- Plastic Bonding
- Weatherproofing

FEATURES

- RoHS & REACH Compliant
- Fast UV Cure
- PET & RPET Bonding

SUBSTRATES

- Polyethylene
- PET/RPET
- Metals
- Plastics

PACKAGING

- Syringes
- Bulk

TYPICAL PROPERTIES OF UNCURED MATERIAL	
Property	Value
Chemical Class	UV Acrylate
Appearance	Translucent/Clear
Viscosity, 5 RPM @ 25°C, cps	20,000 to 30,000
Viscosity, 50 RPM @ 25°C, cps	4,000 to 8,000
Specific Gravity	1.05
TYPICAL PROPERTIES OF CURED MATERIAL	
Property	Value
Glass Transition Temperature (Tg), °C	-50
Hardness, Shore	A65 to A70
Ultimate Tensile Strength, PSI	-
Elongation at Break, %	-
Volume Resistivity, Ω-cm	-

***All properties given are typical values and are not intended for use in preparing specifications.**

CURE OVERVIEW	
Cure Options	UV cure @ 200 mW/cm ² minimum. 365, 405 nm recommended.
Clean-Up Solvent	Isopropyl Alcohol

SHELF LIFE, STORAGE

18 ± 10°C 1 Year DOM

MATERIAL IS LIGHT SENSITIVE. CONSULT SDS FOR SAFE HANDLING RECOMMENDATIONS.

THIS MATERIAL IS SOLD FOR INDUSTRIAL USE ONLY

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