

# 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 <sup>2</sup> 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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