

## UV3602

### Removable Photo – UV curing Adhesive

UV3602 is removable photo-curing adhesive. It is used for protecting some materials temporarily. When removing this product, pull up one side of the cured resin, it is easy to remove all the cured resin from the materials

#### FEATURE

- This product can be removable by peeling
- This product complies to the 2011/65/EU RoHS regulations.

#### TYPICAL UNCURED PROPERTIES

Properties	UV3602
Composition	Acrylic Resin
Appearance	Liquid
color	Blue
Viscosity, 25°C, S14 100rpm, cps	7.000~11.000
Thixotropic Index	>4

#### TYPICAL CURING PROPERTIES

Curing Equipment	Mercury Lamp / Halogen Lamp
Recommended Wavelength, nm	310~420
Main Wavelength, nm	365
Minimum Light Intensity, mW/cm <sup>2</sup>	>50
Minimum Light Energy, mJ/cm <sup>2</sup>	1500~2000
Curing Equipment	LED Light
Recommended Wavelength, nm	365~420
Wavelength, nm	365
Minimum Light Intensity, mW/cm <sup>2</sup>	>50
Minimum Light Energy, mJ/cm <sup>2</sup>	2000~3000

#### DIRECTION OF USE

1. The surface of the resin contact should be clean.
2. Apply adhesive to one or both substrates to be bonded. The contact surface should be completely flattened until the resin cured.
3. Cure time on the really part will depend upon factors such as part geometry, materials to be bonded, bond line thickness and efficiency of the UV light. Cure schedule should be confirmed with actual production parts and equipment.
4. Please standardize the UV lamp intensity and illumination. Over exposure will not affect the resin properties, but the resin properties will be changed if there is not enough exposure. The resin may have lower reaction rate and may not pass the environmental test experiments.
5. This product may cause skin irritation to sensitive personnel

#### TYPICAL CURED PROPERTIES

Properties	Value
Durometer Hardness, Shore A	61
Elongation, %	265

#### STORAGE AND SHELF LIFE

The product should be stored in cool and dark place. Avoid to contact with sunlight or ultraviolet. Replace the lid immediately to keep away from any possibility of light exposure after using. Shelf life of this product is six months when stored in room temperature from 14°C ~34°C in original, unopened containers.

#### CAUTION

Some findings indicate a lack of potential for carcinogenicity with the compositions of this product by long term recurrent application to the skin. However, contact with skin is likely to produce mild transient reddening. It is important to remove adhesive from skin with soap and water thoroughly. DO NOT use solvents for cleaning hands. This resin is of moderate acute toxicity by swallowing. If swallowed, call a physician. Avoid contact with eyes. In case of contact, flush with water for at least 15 minutes and get medical attention immediately. For specific information on this product, consult the Material Safety Data Sheet.

The data contained in this bulletin is provided only as a guide for evaluation/consideration. These material characteristics are typical properties that are based on a limited number of samples tested in the laboratory. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any product or method. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide.