UV ADHESIVE · CODE 2000

Krystal 2000

UV Adhesive

REF EWC/GA006/07062016 | ISSUED July 2016 | REVIEWED June 2026 | PAGE 1

PRODUCT DESCRIPTION

Krystal 2000 is photo-curing UV adhesive that will polymerize under ultraviolet light (365nm) or with visible light (436nm). This fast cure adhesive will set and cure within seconds when exposed to correct UV light source and intensity. It will not turn yellow when exposed to high temperature at 80°C with good water and weather resistance. It bonds well to glass, acrylic, polycarbonate, ABS and some metals.

CHARACTERISTICS

- Excellent clarity or transparency
- Non yellowing
- Good thermal and shock resistance
- Good weather resistance

PHYSICAL PROPERTIES (UNCURED)

PROPERTIES	SPECIFICATION
Chemical Properties	Acrylic Resin
Appearance	Clear Liquid
Viscosity @ 25°C (S14 100 rpm)	5000 - 7000
Solvent Content, %	0

TYPICAL PROPERTIES OF CURED MATERIAL

PROPERTIES	SPECIFICATION
Hardness, Shore D	67
Refractive Index	1.4788
Elongation @ 25°C, %	173
Glass Transition Temp, °C	-16
Temperature Range °C	-40 to 120

CURE SCHEDULE

PROPERTIES	SPECIFICATION
UV Light Intensity	1500 - 3000 mj/cm²
Wavelength	365nm
Recommended Cure Time, seconds	10 - 15

STORAGE CONDITION

Store original container in a cool and dry area where it is not exposed to high heat or direct sunlight. Advise to store UV adhesive below 25°C.

PACKAGING SIZES

- 50ML Plastic Anti-UV Bottle
- 1 Liter Plastic Anti -UV Bottle

SHELF LIFE

This product has 1year shelf life when stored in original, unopened container between 15-25 ºC, away from direct light sources.

HANDLING PRECAUTIONS

Some findings indicate a lack of potential for carcinogenicity with the compositions of 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. Krystal 1000 is of moderate acute toxicity by swallowing. If swallowed, induce vomiting at once and 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.

COMPLIANCE AND QUALITY

RoHS statements and Safety Data Sheets for this product are available on request. Contact the MightyLoc team and we will send the current documents.

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Data last reviewed **June 2026**.

All recommendations for the use of our products are based on the current state of our knowledge. The Buyer remains responsible for satisfying itself that the product is suitable for its intended process or purpose. Since we cannot control the application, use, or processing of the product, we accept no responsibility on that basis. Refer to the current controlled data sheet, or contact us, before production use.