



EA6056 Data Sheet

Electronic Materials

UV Curable Adhesive

Material Description

EA6056 is a fast UV cure adhesive. This product is very soft. This product has shown excellent adhesion and flexible. It can be used to replace silicone ring for buffer and waterproof application.

Features & Benefits

One component, requires no mixing.

Fast curing.

Good adhesion to glass, many plastics and many metals.

Good flexible.

Curing Profile

Recommended cure:

- 100mW/cm²@365nm for 30s

Contact HB Fuller technical support for additional curing recommendations.

Typical Uncured Properties

Property	Value
Appearance	Blue paste
Component:	Acrylate
Viscosity (25°C, CP52, 5 rpm), cps	67,740
Ti 0.5 rpm/ 5 rpm	4.7
Density (g/cm ³)	1.05

Typical Curing Properties

100mW/cm²@365nm

Property	Value
Tacky free time (s)	<6
Depth of cure MM@24s	8

Typical Cured Properties

(100mW/cm²@365nm for 24s)

Physical Property	Value
Hardness, Shore A @ 25°C	18
Hardness, Shore A @ -30°C	50
Tensile strength, at break, Mpa	4.9
Elongation at break, %	880
Lap shear strength, PC/PC, Mpa	4.7

Our Focus is Clear. Perfecting Adhesives.

NOTE TO USER: by ordering/receiving product you accept the H.B. Fuller General Terms and Conditions of Sale applicable in the region. Please request a copy if you have not received these. These Terms and Conditions contain disclaimers of implied warranties (including but not limited to disclaiming warranties of fitness for a particular purpose) and limits of liability. All other terms are rejected. In any event, the total aggregate liability of H.B. Fuller for any claim or series of related claims however arising, in contract, tort (including negligence), breach of statutory duty, misrepresentation, strict liability or otherwise, is limited to replacement of affected products or refund of the purchase price for affected products. H.B. Fuller shall not be liable for loss of profit, loss of margin, loss of contract, loss of business, loss of goodwill or any indirect or consequential losses arising out of or in connection with product supply.

IMPORTANT: The information, specifications, procedures and recommendations herein (together "information") are based on our experience and we believe these to be accurate. No representation, guarantee or warranty is made as to the accuracy or completeness of the information or that the information will avoid losses or damages or give desired results. It is purchaser's sole responsibility to test and determine the suitability of any product for the intended use. Tests should be repeated if materials or conditions change in any way. No employee, distributor or agent has any right to change these facts and offer a guarantee of performance.

North America
+888-HBFULLER
+888-423-8553

inquiry@hbfuller.com
www.hbfuller.com



H.B. Fuller



Instruction for Use

1. Coating surface area should be clean and free of any fluxes, residues, dust or any other contaminants.
2. A UV lamp with a wavelength of 365nm is required. The UV light should be focused towards the coated surface.
3. Curing speed is determined by the intensity of UV radiation, the distance from the UV light source and the coating surface. The depth of coating material can also require additional cure time.
4. Immediately close the lid after use. A black hose must be used to dispense the adhesive.
5. This material should be stored away from sunlight, UV light and artificial light sources.

Storage

Product should be stored at temperature between 8°C to 28°C in the unopened container in a dry location.

Shelf Life: 12 months

Health & Safety Precautions

Keep away from children's store.

This product is recommended to be used within a well-ventilated place.

If you accidentally touches the skin, immediately wash with soap and water.

If you accidentally touches the eyes, please rinse with plenty of water, and then seek medical attention.

For details, please refer to the product MSDS.

Our Focus is Clear. Perfecting Adhesives.

NOTE TO USER: by ordering/receiving product you accept the H.B. Fuller General Terms and Conditions of Sale applicable in the region. Please request a copy if you have not received these. These Terms and Conditions contain disclaimers of implied warranties (including but not limited to disclaiming warranties of fitness for a particular purpose) and limits of liability. All other terms are rejected. In any event, the total aggregate liability of H.B. Fuller for any claim or series of related claims however arising, in contract, tort (including negligence), breach of statutory duty, misrepresentation, strict liability or otherwise, is limited to replacement of affected products or refund of the purchase price for affected products. H.B. Fuller shall not be liable for loss of profit, loss of margin, loss of contract, loss of business, loss of goodwill or any indirect or consequential losses arising out of or in connection with product supply.

IMPORTANT: The information, specifications, procedures and recommendations herein (together "information") are based on our experience and we believe these to be accurate. No representation, guarantee or warranty is made as to the accuracy or completeness of the information or that the information will avoid losses or damages or give desired results. It is purchaser's sole responsibility to test and determine the suitability of any product for the intended use. Tests should be repeated if materials or conditions change in any way. No employee, distributor or agent has any right to change these facts and offer a guarantee of performance.

North America

+888-HBFULLER

+888-423-8553

inquiry@hbfuller.com

www.hbfuller.com



H.B. Fuller