

Product Information

05393 Eukitt® UV

for microscopy

Storage temperature: room temperature, avoid exposure to light

Eukitt® UV is an embedding medium for microscopy. It is used for bonding and sample preservation in manual or automated cover slipping and can be used as a special adhesive and sealant with glass, non-plastic and other non-reactive (inert) materials. It spreads evenly without the formation of bubbles. Eukitt® UV is cured by irradiation with UV light at 365 nm. For this purpose, all types of UV light sources can be used, preferably LED spotlights in a wavelength range of 350-400 nm.

Properties

Cures completely within 30 seconds when irradiated with UV light of 365 nm. The preparation is ready to use immediately. Refractive index near glass (1.480), chemically neutral, barely water-sensitive, no reaction to coloration, temperature range: 42 °C-17 °C. The hardened preparation is insensitive to UV light, resistant to yellowing, insensitive to cold, optically clear for 10 years, can be used instead of epoxy resins when covering petrographic thin sections, as well as in fluorescent dyes in bone.

Preparation Instructions

Eukitt® UV is ready to use and can be used after gradual adjustment to room temperature without further preparation steps.

Follow the instructions: The use of Eukitt UV® should be carried out according to the instructions of the respective system or reagent supplier or in accordance to your own validated procedure.

- Refractive index n [20 °C]: 1.48
- Viscosity: 250-450 mPa*s
- Time to cure after irradiation at 365 nm light: 30 s

Warning: Eukitt UV® may only be used by suitably trained specialist personnel. Since mounting media such as Eukitt UV® may not be used either by laymen or for self-application, we refrain of describing the many possible applications and refer to the relevant technical and training literature.

Storage / Stability

Eukitt UV® is optimally stored at 20 ° C with the exclusion of light in the original container. After curing, Eukitt UV® cannot be re-dissolved and reused again. Necessary temperature changes should be carried out slowly.

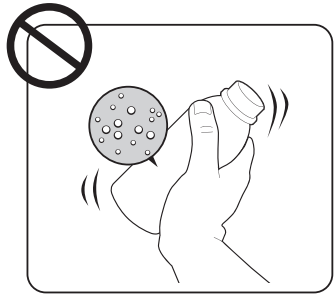
Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

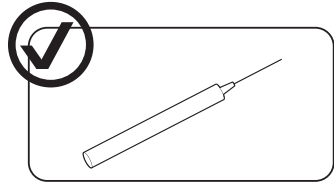
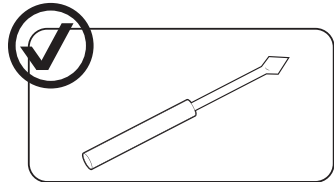
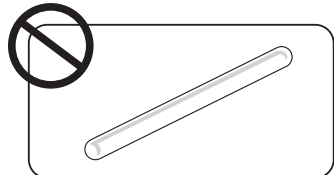
Procedure

Follow the 10 steps of the graphical instruction mounting manual on the following page.

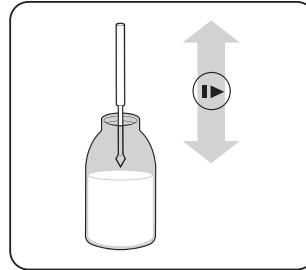




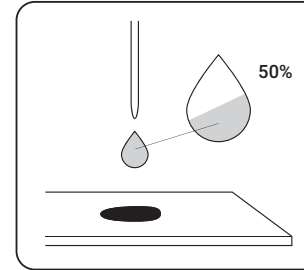
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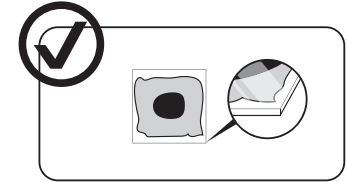
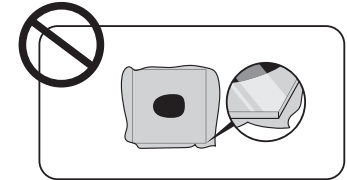
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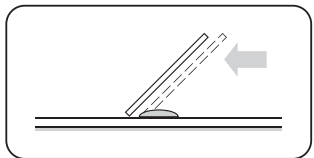
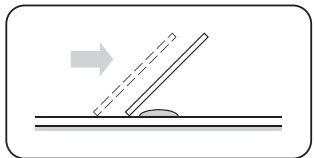
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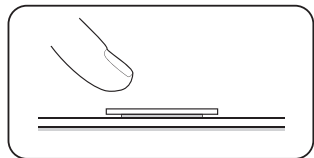
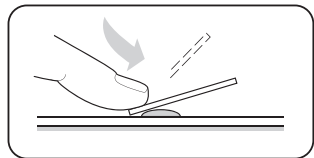
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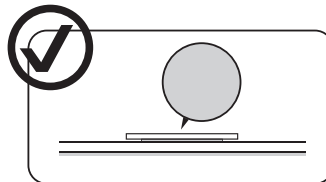
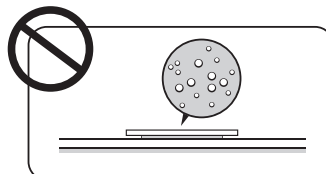
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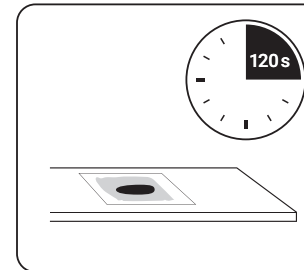
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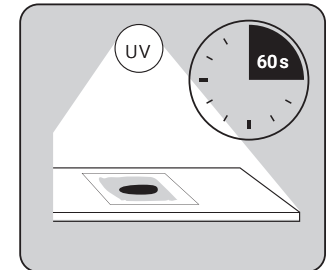
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