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TECHNICAL DATA SHEET 979

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Plastic UV Mounting Medium

DESCRIPTION

This medium is designed for coverslipping epoxy, methacrylate, and deparaffinized sections directly from water or alcohol. Plastic UV Mount matches the refractive index of JB-4 embedded sections, since the JB-4 embedding resin is not removed prior to staining. Methacrylate based Plastic UV Mount avoids optical distortion and improves the final image. When applied to sections with a small amount of xylene, Plastic UV Mount "hardens" permanently within 2 minutes with exposure to long UV light supplied from a UV Polymerization Lamp, thus obviating leaching of stains. Slides must be coverslipped for viewing. The refractive index is 1.45. Viscosity: 28 CPS

PROTOCOL

Plastic UV Mounting Medium is a permanent mounting medium for dehydrated and cleared sections, processed via manual and automated staining protocols.

- 1. Remove the slide from the water, alcohol, clearing agent, (xylene, xylene substitute, d-limonene) and drain well, but do not allow for slides to air dry.
- 2. Add two drops of Plastic UV Mounting Medium over the section, more may be required for thicker or larger sections.
- 3. Coverslip with a glass coverslip, avoid causing bubbles during the coverslipping process, excess mounting medium should be wiped away clean before curing with a long wave UV lamp.
- 4. Place the slide under a long wave UV lamp within 1-inch from the light source.
- 5. Place the slide under a long wave UV lamp within 1-inch from the light source.

Notes:

- 1. Even when using charged slides, adhesive coated slides, or plain slides, the Plastic UV Mounting Medium will be clear and colorless after polymerization with the long wave UV light.
- 2. If the need arises and the coverslip must be removed, a brief window of time will allow the end user to heat the slide and remove the coverslip after curing, if the slide has been coverslipped and a larger time has passed after polymerization, soaking in xylene will suffice for removal, check at 20 minute intervals until the cover slip can be removed.

ORDERING INFORMATION

Cat. #	Description	Size
16866	Plastic UV Mount Mounting Media	100 ml

ADDITIONAL PRODUCTS

Cat. #	Description	Size
08381	Poly-Mount	120 ml
18606	Aqua-Poly/Mount	100 ml
24176	Poly-Mount Xylene	120 ml
24214	CitraMount Medium	100 ml
22253	PolyGlass	120 ml
16299	CMCP-9 Macroinvertebrate Mounting	100 ml
	Media, Low Viscosity	
16300	CMCP-10 Macroinvertebrate Mounting	250 ml
	Media, Low Viscosity	

TO ORDER

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In The U.S. Fax:	1(800) 343-3291 • (215) 343-0214
In Germany Call:	+(49) 6221-765767
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