

Spurr Low Viscosity Mini-Kit

Kit Contains:

- NSA (Noneyl Succinic Anhydride) 55ml (in 120ml jar)
- ERL-4221 20ml
- DER 736 (Dow Epoxy Resin 736) 12ml
- DMAE (Dimethylaminoethanol) 5ml

Additional Supplies included in this kit:

- 3 x 10ml syringes
- 1 x 5ml syringe
- 2 wooden mixers

How to prepare the embedding media:

Open the large 120ml jar which contains the NSA and add entire contents of ERL-4221 (20ml) and DER736 (12ml) to it. Drain completely.

Using the 5ml syringe, withdraw 1ml of DMAE and add to the mixture, pushing the plunger rapidly to insure that all the contents are released into the mix.

Mix thoroughly, minimizing exposure to atmosphere moisture.

Draw the mixture into the 10ml syringes to dispense the mixture for infiltration and embedding in molds or capsules.

Infiltration:

Tissue is fixed as usual and dehydrated through absolute alcohol and brought through two changes of propylene oxide. Tissue is infiltrated in three steps for 30 minutes each.

1. Equal volumes of propylene oxide and embedding media. 1:1
2. One part propylene oxide to two parts embedding media. 1:2
3. Embedding media, only.

Transfer the tissue to embedding molds or capsules and fill with fresh embedding media.

Polymerization is at 70° C for 24 hours.

NOTE: Remaining media can be stored in syringes at 4°C for 2 days.

This mixture is not miscible with ethanol.

Ordering Information:

Cat. #	Description	Size
21961	Spurr Low Viscosity Mini-Kit	1 kit

To Order:

In The U.S. Call: 1-800-523-2575 • 215-343-6484

In The U.S. FAX: 1-800-343-3291 • 215-343-0214

Order online anytime at www.polysciences.com

In Germany Call: (49) 6221-765767

In Germany FAX: (49) 6221-764620

For more detailed information refer to Technical Data Sheet #127.