CHROME ALUM ADHESIVE

PURPOSE: Used in the waterbath as a tissue adhesive to microscopic glass slides, or a coating for slides.

SUPPLIES & EQUIPMENT: 2000ml flask, magnetic stir bar, Hot/Stir Plate.

REAGENTS:

Gelatin	10.0 gm
Distilled water	1000.0 ml
Chromium potassium sulfate	5.0 gm
Thymol	a few crystals

Dissolve gelatin in hot distilled water, do not boil. Add chromium potassium sulfate, dissolve. Add thymol, cool and pour into bottles. Label, date, and initial. Store at room temperature, can be stored in the refrigerator, the gelatin will thicken.

CAUTION: Possible carcinogen.

SAFETY/PPE: Wear gloves, goggles and lab coat.

Chromium potassium sulfate: Toxic by skin absorbtion. Possible carcinogen.

PROCEDURE:

1. Add 15 ml, or 3 capfuls to each waterbath.
2. For subbed slides, do not dilute.
   a. dip clean microscopic glass slides in solution.
   b. cover with a towel and allow to dry.
   c. place back in slide boxes, labeled as "subbed slides".
   d. use for keeping frozen tissue sections on the slide,such as decals, hard to cut tissue.

REFERENCES:

Carson,F, Histotechnology: A Self-Instructional Text, 1990, pp57-58, ASCP Press

Chromium Potasium Sulfate, MSDS

Prepared:_____By: _____

Approved:_____By:_____

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