

Laboratory Furniture and Work Tops

Maintenance Guide

KEWAUNEE®

...encouraging new discovery

Maintenance Guide

Laboratory Furniture and Work Tops

We at Kewaunee Scientific Corporation take pride in the laboratory furniture and work tops we manufacture. By choosing our products, you've chosen the best quality and value available in the industry. Kewaunee is an organization committed to your continuing satisfaction.

When you buy from Kewaunee, you can be confident that any new products you need in the future will be precisely designed and color matched to complement your existing installation. You know replacement parts will be available after your original purchase. Most importantly, you have our assurance of continuing service from our sales representatives and home office staff throughout the life of your Kewaunee products.

To help you keep your Kewaunee products looking good and lasting a long time, we've prepared this *Laboratory Furniture and Work Tops Maintenance Guide*, to assist you with your regular maintenance and housekeeping. To obtain additional copies of this booklet or to ask questions, please feel free to call or write your Kewaunee sales representative. Or contact us directly at:

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How to Clean and Maintain Casework

Steel Casework

You should clean all exposed steel surfaces and hardware on a regular basis using good quality, commercially available cleaner/wax available at any automotive accessory store. The wax will form a protective barrier between the finished surface and any harmful chemicals.

If the casework is heavily soiled, wipe it clean with Naptha or Mineral Spirits before you apply polish.

If your casework needs to be completely refinished, please contact your Kewaunee sales representative.

Don't forget to check drawers and cupboards often for chemical spills or leaks. Prompt clean-up is the key to preventing permanent damage.

Wood Casework

You should clean all exposed wood casework surfaces and hardware on a regular basis using a mild detergent and clean, warm water. **Please make certain all surfaces are thoroughly dried after each cleaning.** Once the casework has dried, apply a coating of good quality, commercially available wood furniture polish.

If your casework is heavily soiled, you may need a strong detergent to remove stubborn stains.

If your casework needs to be completely refinished, please contact your Kewaunee sales representative.

Don't forget to check drawers and cupboards often for chemical spills or leaks. Prompt cleanup is the key to preventing permanent damage.

Steel and Wood Casework Cleaning Checklist

- Clean casework according to a regular schedule, with spot cleaning as needed.
- Use the right cleaning methods and products.
- Check cupboards and drawers often for chemical spills and leaks.

CAUTION:

When using any type of solvent as a cleaning agent, make sure the area is well ventilated. DO NOT use solvents close to any heat source or open flame.

How to Clean and Maintain Work Tops

Kemresin® Work Tops (Epoxy Resin)

Clean Kemresin surfaces using a general purpose detergent and warm water. Apply a coat of Kewaunee's Kemresin Polish (part #0065-A1 [pint] #0065-A2 [quart]) after cleaning to maintain the top between scheduled maintenance and to hide minor scratches. Regular applications of a scratch-resistant furniture polish or linseed oil also will enhance the appearance of your work top.

Wood Work Tops – Oil-Finished

CAUTION:

When using any type solvent or finish, make certain the area is well ventilated. DO NOT use solvents or finishing materials, i.e. lacquers or varnishes near any heat source or open flames.

Clean oil finished tops frequently with mild detergent. After each cleaning, apply a coat of good quality commercially available furniture polish.

To refinish an oil finished top, clean it thoroughly by scraping and sanding the surface with a fine grit abrasive paper to remove minor scratches. Apply one coat of any good quality, commercially available penetrating wood finish. Once the refinished surface has dried thoroughly, apply a coat of good quality furniture polish.

– Natural Varnished

Clean varnished maple tops with general purpose detergent and warm water. Apply a coat of commercially available furniture polish to protect the top surface between cleanings.

If the top surface has been damaged, sand with a very fine grit sand paper. Clean thoroughly and allow to dry. Apply two coats of a clear varnish.

Plastic Laminate Work Tops

CAUTION:

When using any type solvent, make certain the area is well ventilated. DO NOT use solvents near any heat source or open flames.

Wipe plastic laminate tops clean with a damp cloth, using ordinary household soap and water as often as necessary.

Use mild solvents such as laquer thinner, Methyl Ethyl Ketone (MEK) or contact adhesive solvents to remove stubborn stains, fingerprints or glue.

Do not use strong, abrasive cleaners.

Stainless Steel Work Tops

Clean stainless steel surfaces using general purpose detergent and warm water. Restrict or avoid contact with the chemicals listed below, as well as any chemical in the Halogen family, because they will discolor stainless steel.

| | | |
|-------------------|------------------|-------------------|
| Aqua Regia | Chlorine Bleach | Chloride (Wet) |
| Dakins Solution | Ferric Chloride | Hydrochloric Acid |
| Hydrofluoric Acid | Iodine | Mercuric Chloride |
| Phosphoric Acid | Sodium Bisulfate | Sulfuric Acid |

Work Top Cleaning Checklist

- Clean work tops according to a regular schedule, with spot cleaning as needed.
- Sand surfaces carefully when appropriate.
- Use the right cleaning methods and products.
- Use appropriate finishing agents.

How to Clean and Maintain Service Fittings

Cleaning Service Fittings

CAUTION:
*Do not use abrasive
polishes, as they will
scratch the chrome finish.*

Because of their thick chrome plating, Kewaunee service fittings require little cleaning. Wipe them with a damp cloth using a small amount of detergent as needed.

If the chrome surface should become dull or tarnished, use an all-purpose commercially available chrome cleaning compound.

Maintaining Service Fittings

For information about replacement parts for service fittings, contact your Kewaunee sales representative.

Maintenance Materials

Kemresin Polish

| Product | Application | Color | Size | Catalog Number |
|-----------------|--------------------|-------|-------|----------------|
| Kemresin Polish | Kemresin work tops | NA | Pint | 0065-A1 |
| | | | Quart | 0065-A2 |

Kemresin Cement

| | Product | Application | Color | Size | Catalog Number |
|--|-----------------|---------------------------------------|-------|-------|----------------|
| <i>Kemresin Cement is a two-part epoxy cement. One pint fills approximately 25 feet of joint</i> | Kemresin Cement | Joining Kemresin or Kemrock work tops | Black | Pint | 0061-B2 |
| | | | | Quart | 0065-B3 |

Enamel Touch-up Paint (for steel cabinetry)

| | Product | Application | Color | 11oz Aerosal |
|---|--------------|-------------------------------------|-------------------|------------------|
| NOTE: <i>Two coats of paint are recommend for any area needing touch-up.</i> | Enamel Paint | Touch-up of painted steel cabinets. | #12 Black | Q-4790-12 |
| | | | #20 Sand Tan | Q-4790-20 |
| <i>For best results, use a heat gun or 1500 watt blow dryer for three to five minutes on the repainted area. This improves both the color match and adhesion.</i> | | | #61 Light Neutral | Q-4790-61 |
| | | | #62 Driftwood | Q-4790-62 |
| | | | #65 Dutch Blue | Q-4790-65 |
| | | | #68 Surf Green | Q-4790-68 |
| | | | #78 Snow White | Q-4790-78 |
| | | | #80 Black Cherry | Q-4790-60 |
| | | | #81 Aquamarine | Q-4790-81 |
| | | | #82 Deep Coral | Q-4790-82 |
| | | | #83 Dessert Sand | Q-4790-83 |
| | | | #84 Mariner Fog | Q-4790-84 |
| | | | #85 Satin Grey | Q-4790-85 |
| | | | #86 Solitude | Q-4790-86 |
| | | | #87 Mountain Blue | Q-4790-87 |
| | | | #88 Malt | Q-4790-88 |
| | | #89 Midon | Q-4790-89 | |
| | | #90 Amazon | Q-4790-90 | |
| | | #91 Sage | Q-4790-91 | |
| | | #92 Butter Silk | Q-4790-92 | |
| | | #93 Chocolate | Q-4790-93 | |
| | | #94 True Blue | Q-4790-94 | |
| | | #95 Stormy Blue | Q-4790-95 | |
| | | #96 Wineberry | Q-4790-96 | |

Maintenance Materials

Wood Touch-up Stains

NOTE:

Wood stains do not offer any chemical resistance. Areas needing to be refinished should receive two coats of Clear Top Coat after stain is applied.

Before applying Top Coat, stain must be dried with heat gun or 1500 watt blow dryer or allowed to dry for 24 hours in ambient air. After drying, surface should be lightly sanded with a fine scotch bright style pad or 400 grit sandpaper to reduce grain lift caused by stain.

| Oak & Maple Stains | Color | Pint Can |
|-------------------------------|------------|---------------------|
| | Natural | n/a |
| | Seaside | X-020012-002 |
| | Sherwood | X-020012-003 |
| | Woodland | X-020012-004 |
| | Santa Fe | X-020012-005 |
| | Harvest | X-020012-006 |
| | Cimarron | X-020012-007 |
| | Winchester | X-020012-008 |

Wood Touch-up Top Coat Varnish

NOTE:

Kewaunee's Clear Top Coat is a catalyzed finish with a shelf life of only 10 days.

For larger quantities of Top Coat or when a longer shelf life is required, contact your Kewaunee representative.

| Top Coat Varnish | Color | Pint Can |
|-------------------------|----------------|---------------------|
| | Clear Top Coat | X-020012-001 |



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