

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

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.

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

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.

Plastic Laminate Casework

Clean all exposed plastic laminate casework surfaces and hardware on a regular basis using a mild detergent diluted in clean warm water applied with a clean soft cloth or clean sponge.

Difficult stains can be removed using a mild household cleaner/detergent such as Fantastik or Formula 409 and a soft bristled brush, repeating as necessary. Follow up by cleaning as above. If stain persists, use a paste of baking soda and water and apply with a soft bristles brush. Light scrubbing for ten to twenty strokes should remove most stains. Excessive scrubbing or the use of strong abrasive cleaners could damage the surface, especially any gloss surfaces.

Prolonged exposure to harsh cleaners or bleach will cause discoloration.

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

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.

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 linseed oil or furniture polish after cleaning to maintain the top and to hide minor scratches. Regular applications of linseed oil or furniture polish will enhance the appearance of your work top.

Wood Work Tops

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.

Oil Finished

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 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.

Clean plastic laminate work top surfaces on a regular basis using a mild detergent diluted in clean warm water applied with a clean soft cloth or clean sponge.

Difficult stains can be removed using a mild household cleaner/detergent such as Fantastik or Formula 409 and a soft bristled brush, repeating as necessary. Follow up by cleaning as above. If stain persists, use a paste of baking soda and water and apply with a soft bristles brush. Light scrubbing for ten to twenty strokes should remove most stains. Excessive scrubbing or the use of strong abrasive cleaners could damage the surface, especially any gloss surfaces.

Prolonged exposure to harsh cleaners, mild solvents or bleach will cause discoloration.

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 Cement

Kemresin Cement is a two-part epoxy cement. One pint fills approximately 25 feet of joint

Product	Application	Color	Size	Part Number
Kemresin Cement	Joining Kemresin work tops	Black	Pint	0061-S2-BK
		Black	Quart	0061-S3-BK
		Grey	Quart	0061-B3-GR
		Putty	Quart	0061-B3-PT
		Slate	Quart	0061-B3-SL

Enamel Touch-up Paint (for steel cabinetry)

NOTE:

Two coats of paint are recommend for any area needing touch-up.

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.

Product	Application	No	Color	11oz Aerosal
Enamel Paint	Touch-up of painted steel cabinets and fume hoods	#12	Black	Q-4790-12
		#20	Sand Tan	Q-4790-20
		#61	Light Neutral	Q-4790-61
		#62	Driftwood	Q-4790-62
		#78	Snow White	Q-4790-78
		#85	Satin Grey	Q-4790-85
		#87	Mountain Blue	Q-4790-87
		#88	Malt	Q-4790-88
		#89	Midori	Q-4790-89
		#90	Amazon	Q-4790-90
		#91	Sage	Q-4790-91
		#93	Chocolate	Q-4790-93
		#94	True Blue	Q-4790-94
		#95	Stormy Blue	Q-4790-95
		#96	Wineberry	Q-4790-96
		#386	Force Grey	Q-4790-386

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
	Chicory	X-020012-009

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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