

AEROSOLS

Formulating the Future

GC Electronics has been the primary supplier of electronics to the electrical and electronic industry since 1930. In 1997, GC upgraded its technology base to include the new environmental laws. GC has come up with a starting line-up of contact cleaners to comply with these laws; Big Bath, and Big Bath ISO. Big Bath ISO is a new contact cleaner that is non-ozone depleting and can be sold to anyone. Plus, it contains no CFC's or HCFCs and is safe on all plastics.

GC offers a complete line of chemicals for use by electronics, electrical and industrial users. In addition to offering the most up-to-date line of aerosols, GC also supplies hard-to-find non-aerosols. GC also offers a broad range of adhesives, heat sink compounds, lubricants and conformal coatings.



Air Jet®

Air Jet is formulated for the dusting and cleaning of components and equipment. Air Jet contains no flammable additives. This high pressure product is used for blowing dust, dirt and residue out of hard to reach places without scratching. Air Jet is an excellent product for both home and office use.

Applications: Computers, keyboards, printers, fax machines, audio equipment, video equipment, typewriters.

Air Jet contains no ozone depleting chemicals. Anti static formulation minimizes the risk of electrostatic damage to sensitive components.

Part No. 19-8508	8 oz. Aerosol
Part No. 19-8475-10	10 oz. Aerosol
Part No. 19-8475	12 oz. Aerosol
Part No. 19-8475-SF	12 oz. Anti-Static Aerosol



Freeze Mist®

Freeze Mist is a refrigerant spray used to locate thermal intermittents in electronic components such as capacitors, resistors and semi-conductors. Great for removing chewing gum from fabrics, freezing adhesives for easy removal, protecting heat sensitive components during soldering or for thermal fitting metal parts. The flow control trigger nozzle enables the user to apply the product with pinpoint accuracy and reduce product usage.

Applications: Avionics, electronic equipment, computers.

Freeze Mist contains no ozone depleting chemicals. The anti static formulation minimizes the risk of electrostatic damage to sensitive components.

Part No. 19-8410-10	10 oz. Aerosol
Part No. 19-8410	12 oz. Aerosol
Part No. 19-8410-SF	12 oz. Anti-Static Aerosol

NON-AEROSOL CLEANERS



Isopropyl Alcohol

(Anhydrous)

75% VOC Formula

Does an excellent job of dissolving and removing oxides from recording heads, also an excellent degreaser. This is not an aerosol. Suggested for use with swabs, clean cloth, or by immersion or trigger sprayer.

Part No. 10-1507-A	16 fl. oz.
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HYDROCARBON PRODUCTS

Chem



Big Bath[®] ISO

75% VOC

Big Bath ISO does not deplete the ozone layer. Safe on all plastics. Contains no HCFC's. Cleans and restores relays, controls, switches, etc. Removes oil, dust and other contaminants. Leaves no residue. For use on de-energized equipment. Flammable.

Part No. 19-904-A	9 oz. Aerosol
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Big Bath³ Contact Cleaner and Degreaser

Big Bath³ Cleaner and Degreaser is an excellent non-flammable general purpose cleaner/degreaser. The product is non-ozone depleting (contains no HCFC's or CFC's). It is a replacement for cleaner/degreasers containing HCFC 141b. Big Bath³ Cleaner and Degreaser will dissipate moisture and is safe on some plastics.

Applications:

General cleaning and degreasing applications, electronic and electrical equipment. Test for compatibility with sensitive plastics. Incompatible with ABS, PS, and Lexan. Can be used on energized circuits.

Environmental Data:

CFC: 0% HCFC: 0% ODP: 0 VOC: 58%

Part No. 19-905	12 oz. Aerosol
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Part No. 19-906	16 oz. Aerosol
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Big Bath³ Contact Cleaner

Big Bath³ Contact Cleaner is the replacement choice for HCFC 141b cleaners (contains no HCFC's or CFC's). It is non-flammable, non-ozone depleting, and is safe on some plastic. This non-residue cleaner is effective on switches, PC boards, motors, electrical and electronic components. Big Bath³ helps dissipate moisture, and is fast drying.

Applications:

Can be used on live circuits, including switches, relays, controls PC boards, motors, electrical and electronic components. Test for compatibility with sensitive plastics. Incompatible with ABS, PS, and Lexan.

Environmental Data:

CFC: 0% HCFC: 0% ODP: 0 VOC: 56%

Part No. 19-907	16 oz. Anti-Static Aerosol
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Jiffy Bath

75% VOC

Consists of hydrocarbon solvents, safe for use on most materials. It possesses a balanced ratio of cleaning solvents for lubricating and protecting ingredients. Contains silicone oils which will not oxidize and will remain active as protective coating and lubricating agent for years, even under adverse environmental conditions such as high humidity and contaminated atmosphere. One of the most universal and safe contact cleaners and may be used on all rotating and sliding contacts in any types of switches or controls.

Part No. 19-638-A	4 oz. Aerosol
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Part No. 19-640-A	10 oz. Aerosol
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GC Bath

Contact Cleaner/Degreaser for De-Energized Equipment

GC Bath is formulated as a heavy duty cleaner/degreaser. Exceptional performance can be expected where heavy buildups of grease, oil, dirt, grime, adhesive, and other unwanted substances are encountered. Test for compatibility with sensitive plastics. GC Bath is formulated with no chlorinated solvents and thus has no ozone depleting chemicals. No CFC's. No HCFC's.

Part No. 19-724-A	4 oz. Aerosol
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Part No. 19-725-A	10 oz. Aerosol
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HYDROCARBON PRODUCTS (Cont.)

Chem



DE-OX-ID



Solventless, light oil based contact treatment compound with active ingredients to counteract oxidation. Lowers contact resistance, inhibits arcing, lubricates and protects against corrosion. For use on connectors, sockets, potentiometers, switch contacts, battery connections, telescoping antennas, relay and thermostat contacts. Should be applied sparingly (e.g. with a toothpick or a hypodermic needle injector) on dirty, dusty and heavily oxidized contacts. Precleaning with a solvent type cleaner is recommended. Best results are obtained with small amounts.

Part No. 19-1902	2 oz. Bottle
Part No. 19-1906-A	4 oz. Aerosol

CHEMICAL SPECIFICATION MATRIX (Cont.)

Chem

Potting Compound Specifications

^ 0 to 120°F Application T

Part No.	MSDS No.	Description	Contents	Base	Color	HMIS Flammability Rating	Temperature Dielectric Strength	Curing/ Drying Time	Suggested Solvent	Shelf Life Months*	DOT Shipping
19-823 19-824 19-824-2G	120	GC Potting Epoxy	8 oz kit 500 gram kit 2 gal kit	Bisphenol-A (Resin) Polyimide Blend (Hardener)	Black	1	-40 to 300°F 410V/mil	24 Hrs @77 F 1 Hr @ 150 F 10 min @225 F	None	12	Not Regulated
19-160	276	GC Electronic Grade Potting Silicone	10.2 Caulk Tube	Organopolysiloxane	Clear	1 Open Cup 2 Closed Cup	452V/mil ^	24 hrs @77°F Skin Over 40 min.	Xylo, Toluol, Mineral Spirits	12	Not Regulated
19-161	277	Thermally Conductive Potting Epoxy	8 oz kit	Bisphenol-A Type Resin	Black	1	-40 to 300°F 400V/mil	24 to 72 hrs @77°F 3 Hr @ 149°F, 30 min @ 212°F	None	12	Corrosive

Solder Flux Specifications

Part No.	MSDS No.	Description	Contents	Base	Color	HMIS Flammability Rating	Suggested Solvent	Shelf Life Months*	DOT Shipping
10-4202 10-4216	112	Liquid Solder Flux	2 fl. oz bottle 16 fl. oz can	Rosin & Alcohol	Clear to Lt. Straw	3	Alcohol Dried Warm Water @ 125-150°F	36	ORM-D
10-200	142	Solder Flux	2 fl. oz bottle	Monoethanolomine Drethandamine	Clear to Lt. Yellow	0	None	42	ORM-D
10-1207	123	Soldering Paste	2 fl. oz bottle	Petrolatum	Amber	0	None	36	Not Regulated
10-202	113	Water Soluble	2 fl. oz bottle	Rosin	Milky White	1	None	42	ORM-D

Flux Removers Specifications

Part No.	MSDS No.	Description	Contents	Base	Color	HMIS Flammability Rating	Specific Gravity	Shelf Life Months*	DOT Shipping
19-229-A 22-271-A	313	Flux Remover and Cleaner II	16 fl oz can 16 oz aerosol	Trichloroethylene & Isopropanol	Clear	1	1.1	48	ORM-D
19-7522-A	310	Static-Free High Strength Flux Remover	18 oz aerosol	Trichloroethylene & Isopropanol	Clear	1	1.34	42	ORM-D

Solvents Specifications

Part No.	MSDS No.	Description	Contents	Base	Color	HMIS Flammability Rating	Used For	Shelf Life Months*	DOT Shipping
10-4102	211	Q Dope Thinner	2 fl. oz.	Toluene	Clear	3	Polystyrene	42	ORM-D
10-312 10-320 10-321	102	Radio-TV Cement	2 fl. oz. 16 fl. oz. 1 gal.	Acetone Acetate	Clear	4	Lacquer Type Cements	42	ORM-D Flammable Liquid
10-6702	226	Paint Thinner	2 fl. oz.	Mineral Spirits and Toluene	Clear	3	Paint and Varnish Base	42	ORM-D
22-209	214	Print Kote Solvent	2 fl. oz.	Toluene	Clear	3	Silicone	42	ORM-D

Specialty Products Specifications

Part No.	MSDS No.	Description	Contents	Base	Color	HMIS Flammability Rating	Temperature Dielectric Strength	Shelf Life Months*	DOT Shipping
10-8880 10-8882	207	High Voltage Putty	1 1/4 oz 8 oz	Silicone Rubber Compounds	Clear	0	-65 to 250°F 550V/mil	36	Not Regulated
10-8602	118	Belt and Drive Non-Slip	2 fl. oz. bottle	Alcohol	Clear to Lt. Brown	3	None	36	ORM-D
10-8101 10-8102 10-568	206	Silicone Compound	1 fl. oz. 1 gal 1/3 oz.	Silicone Grease	Clear Gel	0	-40 to 400°F 0.1" Gap, 600V/mil 615V/mil @ 10 mil	60	Not Regulated

* Note: Shelf Life is determined by the Date Of Manufacture (DOM) located on the product. If a product has a shelf life of 12 months, a closed container is good for one year past the DOM.

FLUX REMOVERS



Static-Free High Strength Flux Remover



75% VOC

A powerful Flux Remover that will dissolve and flush away all known fluxes immediately. May cause loss of nomenclature from capacitors or like products. Can discolor some plastics. Will not harm circuit performance. Static-free formulation.

Part No. 19-7522-A	Static-Free 18 oz. Aerosol Replaces Part No. 19-7522
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Flux Remover & Cleaner II



75% VOC

Removes all types of organic flux. Pinpoint applicator supplied. Non ODC.

Part No. 19-229-A	16 fl. oz. Can
Part No. 22-271-A	16 oz. Aerosol

GLASS CLEANERS



Glass & Plastic Cleaner



Wipes dirt, dust and grime from all glass and plastic surfaces without leaving streaks or dulling residue. Contains grease-cutting ammonia. Convenient aerosol packaging. Economical for home or industry. Good for flat screen TV's and computer monitors.

Part No. 10-9082	19 oz. Aerosol
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GC LCD/Plasma Screen & Glass Cleaner with Static Guard Treatment



For use on computer screens, flat screens eyeglasses, windows, windshields, glass, plastics and other finished surfaces. Safe on non-glare and other coating. Easy to apply and use. Is streak free and very effective in removing dirt, oily films, smudges and other deposits with minimum effort.

Uses silicone-glycol polymers to provide a high luster and minimize or eliminate dust attracting static. Harmless on most surfaces, and will not scratch, discolor or streak.

Part No. 10-1756	6 fl. oz. Pump N.S.N. 7930-01-053-3758
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HEAD CLEANERS



VCR/Magnetic Head Cleaner

VCR/Magnetic Head Cleaner removes dust, dirt and oxide from record and playback heads on VCR's, cassette decks and computer drives. Evaporates quickly and leaves no residue.


Environmental Data
CFC: 0%, HCFC: 0%, Cl. Solv.: 0%,
ODP: .0, VOC 100%

Part No. 19-5302	2 fl. oz. Non-Aerosol
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Travel Dispenser

Designed for easy one-handed delivery of a wide variety of liquids onto a cloth, cleaning pad, cotton ball or other wipe-on applicators. Can conveniently apply polishes, removers or other liquid products onto the applicator eliminating direct hand contact, spillage, fumes and waste while protecting product quality. The locking top makes this product excellent for use in the technicians tool box. This dispenser is available empty or prefilled with two of your favorite GC Chemicals; Head Cleaner or Isopropyl Alcohol.

Part No. 19-770	4 fl. oz. Isopropyl Alcohol	
Part No. 19-774	4 fl. oz. Dispenser only	