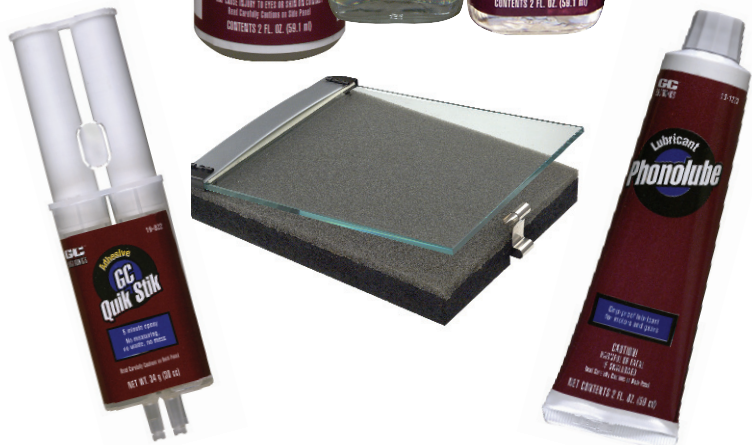




CHEMICALS & PRINTED CIRCUIT

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NEW PRODUCTS

Chem

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. 19-913	16 oz. Aerosol	Replaces Part No. 19-624
Part No. 19-907	16 oz. Anti-Static Aerosol	Replaces Part No. 19-902-SF & 19-903-SF



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	Replaces Part No. 19-902, 19-903-6, 19-2903-3
Part No. 19-906	16 oz. Aerosol	Replaces Part No. 19-903 & 19-2903-8 



GC NPB³ — Cleaner and Degreaser

GC NPB³ – Cleaner and Degreaser is an aggressive cleaner used for removing a broad range of contaminants and heavy soils. Highly recommended for metal cleaning. Contains no HCFC's or CFC's and is non-ozone depleting. Is safe on most surfaces except polycarbonate, polystyrene, ABS and acrylic materials. (To insure complete compatibility, test before use.)

Applications:

Heavy soils on metal, motors, machinery and other types of metal cleaning. Can be used on energized circuits.

Environmental Data:

CFC: 0% HCFC: 0% ODP: 0 VOC: 70%

Part No. 19-802	16 oz. Aerosol	Replaces Part No. 19-8669
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Flux Solv³

Flux Solv³ is a fast evaporating, non-ozone depleting flux remover that leaves no residue. It is formulated to remove R, RA, RMA and SA type fluxes. Flux Solv³ is non-flammable and safe on many plastics. Flux Solv³ contains no HCFC's or CFC's and is a replacement for HCFC 141b flux removers.

Applications:

PC boards, electronic and electrical components. Test for compatibility with sensitive plastics. Incompatible with ABS, PS, and Lexan.

Environmental Data:

CFC: 0% HCFC: 0% ODP: 0 VOC: 60%

Part No. 19-272	16 oz. Aerosol	Replaces Part No. 19-328-22
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Part No. 19-158



Part No. 19-159

Electronic Grade Silicone Sealant/Adhesive



One part non-corrosive, neutral cure electronic grade silicone sealant. Will remain flexible from -70° F to +400° F. (-57° C to +204° C) An excellent adhesive for many electrical and electronic applications where corrosion to metals is a problem. Good dielectric properties, high surface resistivity and resists electrical tracking.

Part No. 19-158 10.2 fl. oz. Caulk Tube Color: White

Part No. 19-159 2.8 fl. oz. Cartridge Color: White



Silicone (Z9)

Industry standard zinc oxide filled silicone heat sink grease for most applications. Will not soften at elevated temperatures or dry out or harden.

Part No. 10-8108 6.5g tube

Part No. 10-8109 1 oz. tube

Part No. 10-8106 1 lb. can



GC Electronic Grade Self Leveling Potting Silicone Sealant

Electronic Grade Self Leveling Silicone is a one-component, RTV (room temperature vulcanizing) product that uses new cross-linking mechanism as a cure method. No acetic or other corrosive by-products are generated during the curing process. It can be used in corrosion sensitive electrical or electronic equipment with no adverse effect and cures at room temperature.

Temperature Range (after cure): -57°C to +204°C (-70°F to +400°F)

Dielectric Strength: 452 V/mil (173 KV/cm)

Thermal Expansion Coefficient: 9 x 10⁴ 1/K

Volume Resistivity: >2.19 x 10¹⁵ Ohm/cm

Part No. 19-160 10.2 fl. oz. Caulk Tube Clear



Part A



Part B

Thermally Conductive Potting Epoxy and Adhesive

This potting Epoxy and adhesive is a highly filled medium viscosity black casting resin formulated for application requiring a high degree of thermal conductivity. Mix ratio 1:1. It contains abrasive aluminum oxide filler which can introduce wear considerations. Cure is normally achieved at room temperature, although an elevated cure schedule can be used to reach final properties quickly.

Temperature Range: -40°C to 150°C (40°F to 300°F)

Dielectric Strength: 430 V/mil

Thermal Conductivity: 7.34 (Btu * in/ft² hr °F)

Thermal Expansion Coefficient: 44 (x 10⁶ °C)

Volume Resistivity: 2.14 x 10¹² Ohm/cm

Part No. 19-161 2-4 oz. Containers