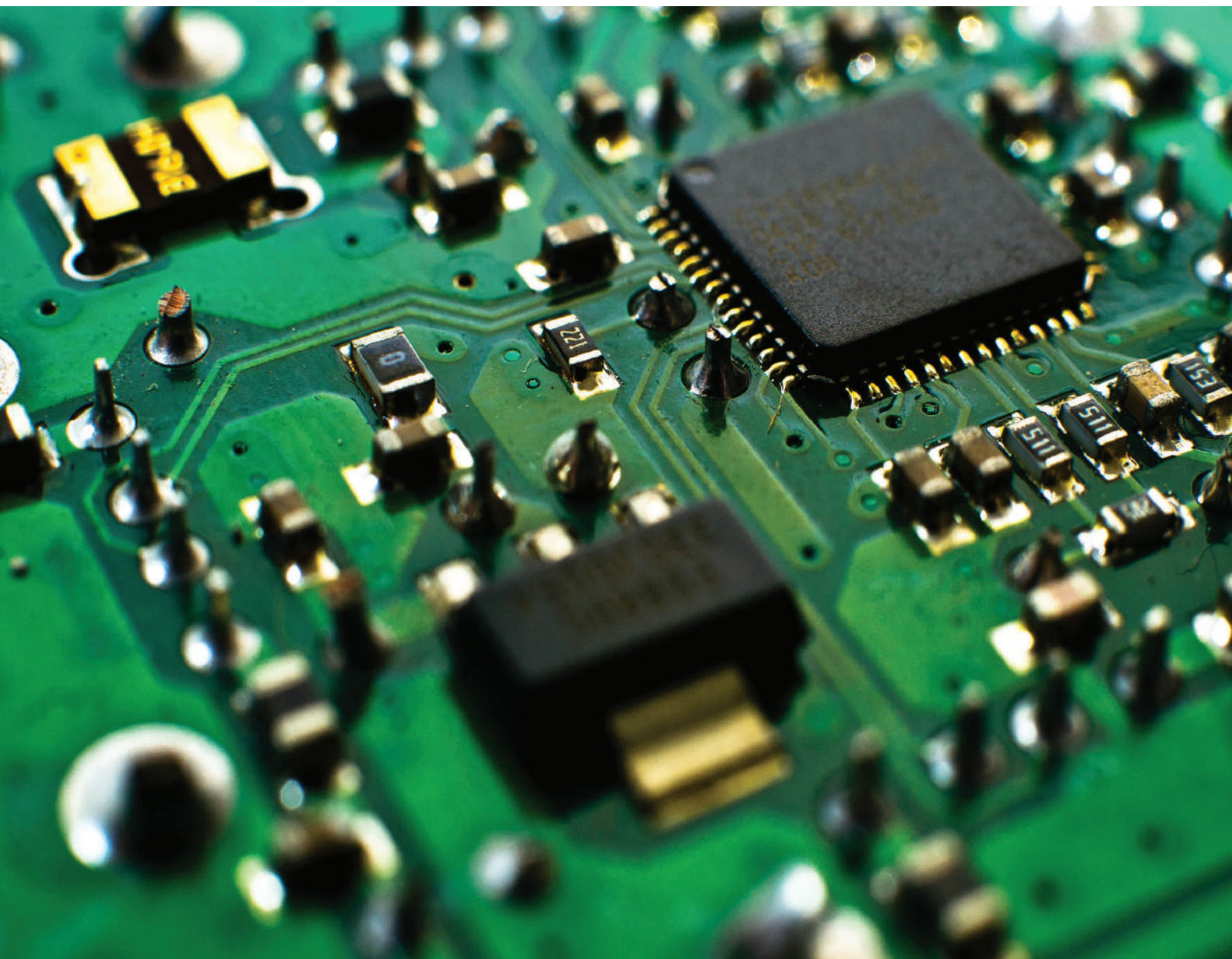


A NEW FORCE IN CHEMICAL MANUFACTURING



# ELECTRONIC CHEMICALS & SOLDER PRODUCTS

OCTOBER 2014



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# ELECTRONIC CHEMICALS & SOLDER PRODUCTS

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**Chemtools** have been supplying high quality products and chemicals to a wide variety of industries at competitive prices for over 20 years. We are committed to manufacturing and supplying 'best in class' products to our customers in Australia, NZ, and around the world.

Dealing with Chemtools is easy. We have a team of highly experienced and knowledgeable personnel who are able to offer advice on applications - and most importantly, help with solutions. Our friendly and efficient internal sales team are ready to accept your orders, deal with technical queries, and assist with any other challenges you may have.

Chemtools products are available through a network of distributors world-wide. Visit our website for a detailed look at the products seen here, or view and download the most current version of this catalogue, or any in our range, at [www.chemtools.com.au](http://www.chemtools.com.au)

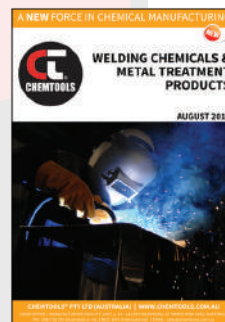
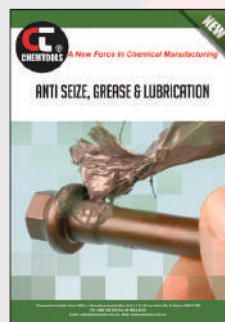
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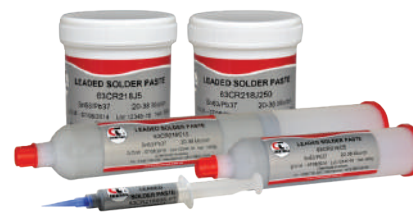


[www.youtube.com/mychemtools](http://www.youtube.com/mychemtools)

### Tin-Lead Solder Paste Sn63 No Clean

Sn63/Pb37 no clean solder paste is designed for the most demanding high density electronic assemblies. CR218 has been developed to offer excellent wetting, improved printing and to reduce voiding. The superior wetting ability of CR218 results in bright, smooth and shiny solder joints with leaded alloys. An innovative activator system offers excellent wetting in a wide range of profiles. Enhanced wetting will reduce voiding on QFN ground planes, LGA and BGA interconnects. CR218 consistent transfer efficiencies reduce head-in-pillow (HiP) even when component/substrate co-planarity is not optimal.

Chemtools Part Number	Description
63CR218J250	Sn63/Pb37 Solder Paste 250g Jar
63CR218J5	Sn63/Pb37 Solder Paste 500g Jar
63CR218C5	Sn63/Pb37 Solder Paste 500g Cartridge
63CR218C10	Sn63/Pb37 Solder Paste 1Kg Cartridge



### Tin-Lead Solder Paste Sn62 No Clean

Sn62/Pb36/Ag2 no clean solder paste is designed for the most demanding high density electronic assemblies. CR218 has been developed to offer excellent wetting, improved printing and to reduce voiding. The superior wetting ability of CR218 results in bright, smooth and shiny solder joints with leaded alloys. An innovative activator system offers excellent wetting in a wide range of profiles. Enhanced wetting will reduce voiding on QFN ground planes, LGA and BGA interconnects. CR218 consistent transfer efficiencies reduce head-in-pillow (HiP) even when component/substrate co-planarity is not optimal. The addition of Silver also improves the cosmetic appearance to give a shiny solder joint and also provides higher shear strength.

Chemtools Part Number	Description
62CR218J250	Sn62/Pb36/Ag2 Solder Paste 250g Jar
62CR218J5	Sn62/Pb36/Ag2 Solder Paste 500g Jar
62CR218C5	Sn62/Pb36/Ag2 Solder Paste 500g Cartridge
62CR218C10	Sn62/Pb36/Ag2 Solder Paste 1Kg Cartridge



### Lead Free Solder Paste SAC305 No Clean

SAC305 no clean solder paste is designed for the most demanding high density electronic assemblies. CR318 has been developed to offer excellent wetting, improved printing and to reduce voiding. The superior wetting ability of CR318 results in bright, smooth and shiny solder joints with lead free alloys. An innovative activator system offers excellent wetting in a wide range of profiles. Enhanced wetting will reduce voiding on QFN ground planes, LGA and BGA interconnects. CR318 consistent transfer efficiencies reduce head-in-pillow (HiP) even when component/substrate co-planarity is not optimal.

Chemtools Part Number	Description
SAC305CR318J250	SAC305 Solder Paste 250g Jar
SAC305CR318J5	SAC305 Solder Paste 500g Jar
SAC305CR318C5	SAC305 Solder Paste 500g Cartridge
SAC305CR318C10	SAC305 Solder Paste 1Kg Cartridge



### Tin-Lead Solder Paste Syringe

Leaded solder paste syringes provide a quick and easy soldering solution for your surface mount rework. Supplied in a syringe for easy application, simply apply it to the soldering pads, put your components in place and heat it with your soldering iron or hot air rework tool.

Chemtools Part Number	Description
63CR218S05-PT	Sn63/Pb37 Solder Paste 15g Syringe



### Lead Free Solder Paste Syringe

Lead free SAC305 solder paste syringes provide a quick and easy soldering solution for your surface mount rework. Supplied in a syringe for easy application, simply apply it to the soldering pads, put your components in place and heat it with your soldering iron or hot air rework tool.

Chemtools Part Number	Description
SAC305CR318S05-PT	SAC305 Lead Free Solder Paste 10g Syringe





### Liquid Flux No Clean

NC33-081 is an alcohol based , no clean liquid flux formulated to offer a wide process window for lead free and leaded wave soldering operations. NC33-081 offers fast wetting than other fluxes and less minimal residues reducing cleaning time. Also available in smaller packaging for rework applications on the workbench.

Chemtools Part Number	Description
NC33-081-1L	Liquid Flux No Clean 1L
NC33-081-5L	Liquid Flux No Clean 5L
NC33-081-20L	Liquid Flux No Clean 20L



### Liquid Flux No Clean VOC Free

NCMP200 is a VOC Free, no clean liquid flux formulated to offer a very wide process window for lead free and leaded wave soldering operations. NCMP200 offers fast wetting than other fluxes and less minimal residues reducing cleaning time. Also available in smaller packaging for rework applications on the workbench.

Chemtools Part Number	Description
NCMP200-1L	Liquid Flux No Clean VOC Free 1L
NCMP200-5L	Liquid Flux No Clean VOC Free 5L
NCMP200-20L	Liquid Flux No Clean VOC Free 20L



### Flux Gel / Paste

No clean flux gel / flux paste is a essential tool when removing and replacing components on the pcb. Unlike liquid flux, flux gel does not evaporate when using hot air rework equipment therefore improving the flow of solder when above liquidous. Supplied in a 5cc syringe with dispensing tip for precise application

**Applications:** Aiding in removing and replacing surface mount components from resistors to IC's and BGA's

Chemtools Part Number	Description
CT-NCFP-S05-PT	Flux Gel / Paste No Clean 5g Syringe



### Surface Mount Epoxy

Surface Mount Epoxy is a single component, epoxy adhesive used for bonding SMT components to a PCB for double sided reflow or wave solder assembly. CT-SME has a formulated tolerance to shear-thinning, a dot formation suitable for automated dispense equipment or positive displacement pump systems, and quick cure properties when exposed to heat. Viscosity and surface tension of EPOXY CT-SME are adequate for use with high speed placement equipment.

**Features:** For printing and dispensing applications, Fast Curing, One Part Epoxy, Non-stringing formula, Good for high speed placement equipment, High Shear Strength.

Chemtools Part Number	Description
CT-SME-10CC-R	Surface Mount Epoxy Red 10cc Syringe
CT-SME-30CC-R	Surface Mount Epoxy Red 30cc Syringe
CT-SME-4OZ-R	Surface Mount Epoxy Red 4oz Jar
CT-SME-6OZ-R	Surface Mount Epoxy Red 6oz Jar



### Solder Bars

Leaded 63/37 solder bars are an alloy that is composed of 63% Tin and 37% Lead and results in high wetting solder. SN99C lead free solder bars are an alloy that is composed of 99.3% Tin and 0.7% Copper. Our process reduces suspended oxides in the solder and reduces drossing, improves flow and reduces bridging during wave soldering process.

Chemtools Part Number	Description
63/37BAR	Sn63/Pb37 Leaded Solder Bars
SN99C-BAR	Sn99.3/Cu0.7 Lead Free Solder Bars



### Wave Solder Dross Powder

Deox Powder is a powder formulation specifically blended for the reduction of dross build up on the surface of solder pots. Deox powder is thermally stable and provides continuous dross reduction by converting oxides and other metallics into a fine powder for easy removal from the solder surface. Useful for leaded and lead free applications.

Chemtools Part Number	Description
DEOX-100	Dross Reducing Powder 200g
DEOX-200	Dross Reducing Powder 1kg

### Electronic Cleaning Solvent

Kleanium™ ECS Electronic Cleaning Solvent is a fast drying industrial cleaner that is pure and stable. It is widely used as a cleaning solvent for equipment cleaning. It is also used for cleaning relays, switches, circuit breakers, alarms, printed circuit boards, connectors, generators, contacts, terminal plugs and more.

**Features:** Non corrosive, Low toxicity, Leaves no residue, Fast drying.

Chemtools Part Number	Description
CT-ECS-230	Electronic Cleaning Solvent 230g Aerosol
CT-ECS-1L	Electronic Cleaning Solvent 1L
CT-ECS-5L	Electronic Cleaning Solvent 5L
CT-ECS-20L	Electronic Cleaning Solvent 20L



### Circuit Board Cleaner

Kleanium™ Circuit Board Cleaner is formulated to be a very efficient bench top flux remover. This popular formula has a pleasant smell and is ideal for non-clean flux, lead-free fluxes and will quickly rinse dirt, moisture, dust and corrosion from electronic printed circuit boards.

**Features:** Tough on all types of fluxes, Fast drying, Non corrosive, Low odour, No clean flux compatible.

Chemtools Part Number	Description
CT-CBC-300	Circuit Board Cleaner 300g Aerosol
CT-CBC-1L	Circuit Board Cleaner 1L
CT-CBC-5L	Circuit Board Cleaner 5L
CT-CBC-20L	Circuit Board Cleaner 20L



### Contact Cleaner

CT-CC Contact Cleaner is formulated to remove oxidation, oil, and other contaminants off of contacts, edge connectors, sensors, circuit breakers, motors, relays and buss bars. CT-CC is used in electrical maintenance and to repair faulty contacts by removing insulative contamination

**Features:** Non corrosive, Restores electrical continuity on electronic contacts, Leaves no residue, Evaporates quickly, Plastic and metal safe.

Chemtools Part Number	Description
CT-CC-350	Contact Cleaner 350g Aerosol
CT-CC-1L	Contact Cleaner 1L
CT-CC-5L	Contact Cleaner 5L
CT-CC-20L	Contact Cleaner 20L



### Contact Cleaner Non Flammable

CT-CCNF Contact Cleaner NF is also used for cleaning relays, switches, circuit breakers, alarms, printed circuit boards, connectors, generators, contacts, terminal plugs and more. Contact Cleaner NF is especially formulated to be non-flammable. It is widely used as a cleaning solvent for equipment cleaning.

**Features:** Non corrosive, Leaves no residue, Restores electrical continuity on electronic contacts, Evaporates quickly, Plastic and metal safe.

**Applications:** Electrical Contacts, Mining Industry, Electronic PCB Cleaning, Railways, Telecommunication.

Chemtools Part Number	Description
CT-CCNF-400	Contact Cleaner Non Flammable 400g Aerosol
CT-CCNF-1L	Contact Cleaner Non Flammable 1L
CT-CCNF-5L	Contact Cleaner Non Flammable 5L
CT-CCNF-20L	Contact Cleaner Non Flammable 20L



### Contact Cleaner Lubricant

CT-CCL Contact Cleaner Lubricant quickly penetrates and flushes away light oils and greases from electrical and electronic equipment. T-CCL will effectively remove carbon deposits, oils and greases. Once cleaned it will leave behind a thin protective coating of di-electric coating. Chemtools CT-CCL Contact Cleaner Lubricant is compatible with plastics and other materials commonly used in electronic and electrical assemblies.

**Features:** Powerful cleaner, Fast evaporation, Safe on most plastics, electrical connections and electronics.

**Applications:** Electrical & Electronic maintenance, Switches, Electrical contacts, Connectors.

Chemtools Part Number	Description
CT-CCL-300	Contact Cleaner Lubricant 300g Aerosol





### GP Flux Remover

Kleanium™ GP Flux Remover is specifically formulated to remove most types of fluxes including resin and rosin based no-clean flux found in post-solder applications (Type R, RA & RMA). The quick penetrating and low surface tension action of this general purpose flux remover will easily dissolve and flush away fluxes, oils, greases, grime, dirt and other contaminants from your electrical and electronic assembly. Typical applications include post wave soldering flux cleaning, printed circuit boards, component leads, connectors, gold fingers, plugs, sockets, aerospace electronics, telecommunication equipment, and avionics etc .

Chemtools Part Number	Description
CT-FRGP-300	GP Flux Remover 300g Aerosol
CT-FRGP-1L	GP Flux Remover 1L
CT-FRGP-5L	GP Flux Remover 5L
CT-FRGP-20L	GP Flux Remover 20L



### Heavy Duty Flux Remover

Kleanium™ HD is a medium drying heavy duty flux remover. This special solvent based flux remover has the staying power to really attack some of the toughest baked on fluxes. Chemtools Kleanium™ HD remover will leave little or no residue. It is also non-corrosive and compatible with most plastics.

**Features:** Heavy duty cleaning, Pleasant lemon odor, Non corrosive, Low toxicity.

Chemtools Part Number	Description
CT-FRHD-300	Heavy Duty Flux Remover 300g Aerosol
CT-FRHD-1L	Heavy Duty Flux Remover 1L
CT-FRHD-5L	Heavy Duty Flux Remover 5L
CT-FRHD-20L	Heavy Duty Flux Remover 20L



### DeFlux IT

Kleanium™ G2 is a slow drying heavy duty flux remover. This special solvent based flux remover has the staying power to really attack some of the toughest baked on fluxes. Chemtools Deflux-it G2 heavy duty flux remover will leave little or no residue. It is also non-corrosive and compatible with most plastic.

**Features:** Heavy duty, Pleasant lemon odor, Non-corrosive, Low toxicity, Lead and lead free compatible.

Chemtools Part Number	Description
CT-DF-300	Flux Remover Deflux It 300g Aerosol
CT-DF-300	DBFlux Remover Deflux It Brush 300g Aerosol
CT-DF-1L	Flux Remover Deflux It 1L
CT-DF-5L	Flux Remover Deflux It 5L
CT-DF-20L	Flux Remover Deflux It 20L



### Ultra Flux NF Remover

Kleanium™ ULTRA has the ability to remove rosin solder fluxes, waxes and similar contaminants found in electronics manufacturing and repair. It is also effective in removing hydrocarbon, silicone and fluorochemical oils and greases encountered in the maintenance of electronic devices such as electric motors, generators and other electro-mechanical or sensitive equipment. Kleanium™ ULTRA flux remover evaporates quickly, and leaves little or no residue. This industrial strength cleaner is non-corrosive, non flammable and compatible with most plastics with the exception of acrylics, polycarbonates, ABS and PS.

Chemtools Part Number	Description
CT-ULR-400	Flux Remover Ultra NF 400g Aerosol
CT-ULR-1L	Flux Remover Ultra NF 1L
CT-ULR-5L	Flux Remover Ultra NF 5L
CT-ULR-20L	Flux Remover Ultra NF 20L



### Citra Shift Industrial Strength Cleaner / Degreaser

Citra Shift is a concentrated citrus based product. It is water soluble and biodegradable. This environmentally safe, multi-purpose concentrate will instantly emulsify grease, oils and fats without the use of harsh acids, alkalines or petroleum solvents. It is 100% organic, free rinsing and has an extremely strong citrus fragrance to deodorize effectively.

**Features:** Industrial strength, Water soluble and biodegradable, Stops squeaks, Excellent rust preventative.

**Applications:** Concrete floors, Asphalts, Equipment, Trucks, Removes Labels, Printed Inks, Decals & Tyre Marks..

Chemtools Part Number	Description
CT-R22-300	Citra Shift Industrial Cleaner / Degreaser 300g
CT-R22-750ML	Citra Shift Industrial Cleaner / Degreaser 750ml
CT-R22-5L	Citra Shift Industrial Cleaner / Degreaser 5L
CT-R22-20L	Citra Shift Industrial Cleaner / Degreaser 20L

### Isopropanol / Isopropyl

Isopropanol also known as Isopropyl Alcohol or IPA is a commonly used cleaning solvent. It does not contain CFCs or chlorinated solvents such as trichloroethylene. Chemtools Isopropanol will quickly clean a variety of soils, such as some flux residues, light oils, polar, organic and ionic residues. It is an effective and economical solvent. Chemtools Isopropanol is flammable and should not be sprayed onto live electrical equipment or other sources of possible ignition. Chemtools Isopropanol is suitable for use on magnetic tape heads, optical and precision instructiveness and printed circuit boards.

**Features:** Pure solvent, Does not contain denaturant, Mild solvent which is ideal for critical and delicate cleaning.

**Applications:** Flux thinner, Tape head cleaning, General cleaning and disinfecting.

Chemtools Part Number	Description
CT-ISO-250ML	Isopropanol 250ml Pump Bottle
CT-ISO-300	Isopropanol 300g Aerosol
CT-ISO-1L	Isopropanol 1L
CT-ISO-5L	Isopropanol 5L
CT-ISO-20L	Isopropanol 20L



### PCB and Parts Cleaning Solution

PCB Wash is a blend of biodegradable solvents and detergents in water. PCB Wash comes ready to use and can be safely use in ultrasonic tanks for various applications including: metal parts de-greasing, flux removal, cleaning of sensitive electronic parts. Compatible with all types of fluxes

**Features:** Non-flammable, Biodegradable, 100% Ozone friendly.

**Application:** Flux Remover, Solder paste remover from stencils, De-greasing metal parts, Cleaning of wave soldering jigs.

Chemtools Part Number	Description
CT-PCBW-1L	PCB and Parts Cleaning Solution 1L
CT-PCBW-5L	PCB and Parts Cleaning Solution 5L
CT-PCBW-20L	PCB and Parts Cleaning Solution 20L



### Gum & Label Remover

Gum and Label Remover is a unique blend of citrus and hydrocarbon oils designed to soften and quickly release paper based self-adhesive labels and stickers. Gum & Label Remover will also dissolve adhesive gums, waxes and some inks.

**Features:** Fast, easy to use, Allows label to be easily peeled off without rubbing or scratching, Harmless to most plastics, rubbers and coatings, Ozone safe, does not contain halogenated solvents.

Chemtools Part Number	Description
CT-LR-300	Gum & Label Remover 300g Aerosol
CT-LR-250ML	Gum & Label Remover 250ml Pump
CT-LR-1L	Gum & Label Remover 1L
CT-LR-5L	Gum & Label Remover 5L
CT-LR-20L	Gum & Label Remover 20L



### Antistatic Glass & Enclosure Cleaner

Antistatic Glass & Enclosure Cleaner is a fast drying anti-static cleaners. With regular use, this cleaner will eliminate static charges from sensitive surfaces and provide long term static protection.

**Features:** Cleans plastics and glass, Fast drying and non streaking, Sanitises.

**Applications:** Computers-PC & Mac, Televisions - Plasma & LCD, Telephones, Audio Equipment, Safe on Chrome, Stainless Steels and Aluminum.

Chemtools Part Number	Description
CT-GE-750ML	Glass & Enclosure Cleaner 750ml
CT-GE-5L	Glass & Enclosure Cleaner 5L
CT-GE-20L	Glass & Enclosure Cleaner 20L



### Mat & Tabletop Cleaner

Antistatic Mat and tabletop cleaner is a Neutral PH cleaner for general-purpose use in production and work areas. The product will remove most soils commonly found on an electronic bench top. These include grease, oils, dust and dirt. Chemtools Antistatic Mat and tabletop cleaner cleans and eliminates charges and leaves an anti-static agent that helps prevent static build-up on mats and tabletop surfaces.

**Features:** Fast drying cleaner, Static Control properties, will not affect the static properties of your mat, Does not contain harsh solvents or cationic surfactants, Biodegradable.

Chemtools Part Number	Description
CT-MTT-750ML	Mat & Tabletop Cleaner 750ml
CT-MTT-5L	Mat & Tabletop Cleaner 5L
CT-MTT-20L	Mat & Tabletop Cleaner 20L





### Circuit Board Lacquer

Ultra Clear Protective Lacquer is a general purpose, economical coating that provides insulation and protection against the environment. This product is easy to apply and gives a tough, high gloss finish, resistant to moisture and fungal growth.

**Features:** Clear tough protective coating, Resistant to abrasion and staining, Resistant to mould.

Chemtools Part Number	Description
CT-LQR-400	Ultra Clear Circuit Board Lacquer 400g Aerosol
CT-LQR-1L	Ultra Clear Circuit Board Lacquer 1L
CT-LQR-5L	Ultra Clear Circuit Board Lacquer 5L
CT-LQR-20L	Ultra Clear Circuit Board Lacquer 20L



### Acrylic Conformal Coating

Acrylic UV+ Conformal Coating is our most popular conformal coating and is a general purpose, economical coating that provides insulation and protection against the environment. This product is easy to apply and gives a tough, high gloss finish, resistant to moisture and fungal growth. Chemtools Acrylic UV+ is your best protection against moisture dust and chemicals.

**Features:** Clear tough protective coating, Contains an indicator for inspection under UV light, Resistant to abrasion and staining, Resistant to mould growth, Economical, High dielectric.

Chemtools Part Number	Description
CT-ACC-400	Acrylic Conformal Coating 400g Aerosol
CT-ACC-1L	Acrylic Conformal Coating 1L
CT-ACC-5L	Acrylic Conformal Coating 5L
CT-ACC-20L	Acrylic Conformal Coating 20L



### Conformal Coating Remover

Conformal Coating Remover is a unique blend of solvents designed to remove most conformal coatings. This formulation was designed for maximum safety without sacrificing performance. This product is available in a pen dispenser for precise application and also in bulk form.

Chemtools Part Number	Description
CT-CCR-1L	Conformal Coating Remover 1L
CT-CCR-5L	Conformal Coating Remover 5L



### Purging Gel - Dispensing Conditioner

Dispensing Conditioner is a non toxic gel used to displace solder pastes and SMT adhesives from dispensing systems. It conditions and prepares dispensing valves and systems for long term storage and maintains readiness for subsequent dispensing operations. Note: Also known as Purging Compound / Valve Purging Compound.

Chemtools Part Number	Description
CT-DC-10	Purging Gel 10g Syringe
CT-DC-30	Purging Gel 30g Syringe
CT-DC-50	Purging Gel 50g Syringe
CT-DC-125	Purging Gel 125g Syringe



### PCB Stencil Cleaner

Stencil Cleaner used for manual cleaning of stencils after printing and is formulated to help reduce solder paste dry-out while enhancing its release from even the finest apertures, allowing for a greater number of print cycles between cleaning. Not recommended for automatic cleaning systems.

Chemtools Part Number	Description
SCT-SKM-750ML	PCB Stencil Cleaner 750ml Spray
SCT-SKM-5L	PCB Stencil Cleaner 5L
SCT-SKM-20L	PCB Stencil Cleaner 20L



### Penetrating Oil & Water-Displacing Spray

R40 is a mixture of refined mineral oil distillates which displaces water (WD), repels moisture, cleans, penetrates, lubricates and prevents corrosion. Very effective for loosening rusted parts, stopping squeaks, dissolving grease and reducing wear and friction. Use for general maintenance of machinery and equipment. May also be used in marine environments for protection against salt spray deposits.

Chemtools Part Number	Description
CT-R40-300	R40 WD 300g Aerosol
CT-R40-400	R40 WD 400g Aerosol
CT-R40-1L	R40 WD 1L
CT-R40-5L	R40 WD 5L
CT-R40-20L	R40 WD 20L



## Premium Contact Cleaning, WD- Penetrant

Deox R44 is one of the highest quality multi-purpose formulas currently available on the market today.

**Features & Benefits:** Pleasant smell, Lubricates, Seals & protects against moisture, Is free of any harmful substances such as aliphatics, diesel, silicone & kerosene, Is an excellent anti-corrosion lubricant & will cling to most surfaces in wet or dry conditions, Improves performance service life & reliability on most equipment & parts.



Chemtools Part Number	Description
CT-R44-300	Deox 300g Aerosol
CT-R44-400	Deox 400g Aerosol
CT-R44-1L	Deox 1L
CT-R44-5L	Deox 5L
CT-R44-20L	Deox 20L

## Premium Electronics Contact Cleaner/Enhancer

R70 has been specifically formulated for the Electrical, Telecommunication and Electronics industry where electronic components are a complex assembly of metallic and non-metallic materials.

**Applications:** PC Boards & Enclosures, Switches & Relays, Marine Electronics, Outdoor Electronics, Telephone Circuitry, Solenoids, Coils, Fuse Panels, Circuit Breakers.



Chemtools Part Number	Description
CT-R70-300	R70 Contact Cleaning Protection 300g Aerosol
CT-R70-1L	R70 Contact Cleaning Protection 1L
CT-R70-5L	R70 Contact Cleaning Protection 5L
CT-R70-20L	R70 Contact Cleaning Protection 20L

## Silicone Die-electric Grease

R14 silicone grease offers excellent dielectric properties with extreme high & low temperature capabilities, water resiliency and oxidation resistance. These characteristics make our silicone grease excellent for lubricating, coating and sealing. The silicone base materials reduce friction and provide long lasting lubricating. Silicone greases are also organic and non-hazardous.

**Features and Benefits:** Water resistant, Excellent rust & corrosion resistance, Wide operating temperature range.

**Applications:** Bulb connections, Plugs & sockets, Non metal to metal lubrications.



Chemtools Part Number	Description
CT-R14-S10-PT	Silicone Dielectric Grease 10g Syringe
CT-R14-S30-PT	Silicone Dielectric Grease 25g Syringe
CT-R14-400	Silicone Dielectric Grease 400g Aerosol
CT-R14-500G	Silicone Dielectric Grease 500g Jar
CT-R14-1KG	Silicone Dielectric Grease 1kg Tub
CT-R14-4KG	Silicone Dielectric Grease 4kg Tub

## Dispensing Pens

When there is a need for precise application dispensing pens are easiest method of application. Liquid fluxes, flux removers, conformal coating remover and our DEOX R44 are all available in dispensing pens



Chemtools Part Number	Description
CT-NC-DP	Flux Dispensing Pen 12ml
CT-RMA-DP	RMA Flux Pen 12ml
CT-DF-DP	Deflux It Flux Remover Pen 12ml
CT-CCR-DP	Conformal Coating Remover Pen 12ml
CT-R44-DP	R44 Deox Pen 12ml

## Silicone Potting Compound

High quality two component Silicone Potting Compound is specially formulated for potting applications in the Electrical and Electronics industry. Chemtools PCT-7000 potting compounds offer good protection against impact damage and because of the relatively low viscosities, will allow complete encapsulation for weather and humidity resistance. The products are easily mixed in a simple 1:1 ratio.

**Typical Applications:** Automotive Electronics, General Electrical & Electronic application, Solar systems, Electronic printed circuit boards, Aerospace industry.

**Features:** Low viscosity, Convenient 1:1 mix ratio, Great shock absorbing properties."

Chemtools Part Number	Description
PCT-7000GY-200G	Silicone Potting Compound 200g kit
PCT-7000GY-1KG	Silicone Potting Compound 1kg kit
PCT-7000GY-5KG	Silicone Potting Compound 5kg kit
PCT-7000GY-20KG	Silicone Potting Compound 20kg kit





### Silicone Free Heatsink Compound

R00 Silicone Free Heatsink Compound is a white grease like 'non' silicone compound material which is specially formulated for use in a silicone free environment. This non-crosslinked thermal compound does not dry out.

**Application:** Notebooks, Computers, Heatsinks. Features: Good thermal conductivity, Non toxic, Removable and easy to remove, Low bleed and evaporation.

Chemtools Part Number	Description
CT-R00-20G-S10-PT	Silicone Free Heatsink Compound 20g
CT-R00-50G-S30-PT	Silicone Free Heatsink Compound 25ml Syringe
CT-R00-150G	Silicone Free Heatsink Compound 150g



### Silicone Heatsink Compound

R001 thermally conductive grease is a white "grease like" silicone compound material, which is specially formulated for use on applications where thermal transfer is required without electrical conductivity.

**Features and Benefits:** Low bleed and evaporation, Easy to apply, Good thermal performance, Re-workable and easy to remove, Non toxic.

**Applications:** Heat sinks, Computers, Laptops & notebooks, Thermal interface, Audio amplifier.

Chemtools Part Number	Description
CT-R001-SI-10G	Silicone Heat Sink Compound 10g
CT-R001-SI-50G-S30-PT	Silicone Heatsink Compound 25ml Syringe
CT-R001-SI-150G	Silicone Heatsink Compound 150g
CT-R001-SI-1KG	Silicone Heatsink Compound 1kg Tub
CT-R001-SI-4KG	Silicone Heatsink Compound 4kg Tub



### Thermally Conductive Adhesive

Thermally Conductive Adhesive is a unique silicone based glue which has been formulated for use between high powered LCD's, CPU and Heat Sinks or where flexibility and thermal conductivity are of concern.

**Applications:** Hybrids to Heat Sinks, Microprocessors to Heat Sinks, Ink Jet Printer Heads, IC's to Heat Sinks, High Power LED's to Heat Sinks, Gas Hot Water Heaters, Power Supplies, Printed Circuit Boards.

Chemtools Part Number	Description
CT-TCA-100G	Thermally Conductive Adhesive 100g
CT-TCA-300G	Thermally Conductive Adhesive 300g Cartridge



### Lint Free Cleaning Wipes

Lint Free Wipes are super-absorbent, are low in particulate and non-volatile residue made from ultra-clean cellulose and long polyester fibres. They provide superior cleaning without risk of scratching.

**Specifications:** Material: Non Woven Lint Free Wipes, Sizes: 350 x 300 mm

**Applications:** Stencil Cleaning, Monitors, Final assembly, Rework facilities"

Chemtools Part Number	Description
SCT-2357-50	Lint Free Cleaning Wipes 300x 350mm pk50
SCT-2357-100	Lint Free Cleaning Wipes 300x 350mm pk100



### Bloc ID

Bloc ID provides a convenient visual method for identification. Chemtools Bloc ID is a quick drying tamper evident identification liquid which is designed to lock potentiometers, nuts and screws and any other items where evidence of tampering is required.

Chemtools Part Number	Description
CT-BLC25-RED	Bloc ID Red 25g
CT-BLC25-YLW	Bloc ID Yellow 25g
CT-BLC25-GRN	Bloc ID Green 25g



### Overcoat Brush PCB Touch Up Resist

Overcoat brush is designed to protect and insulate printed circuit board tracks and components. Its highly effective acrylic polymer formulation protects against dirt, moisture and fungal growth. The convenient brush applicator is useful for precision applications during rework and repair of solder masks.

Chemtools Part Number	Description
CT-OPBL	PCB Touch Up Blue 15ml
CT-OPBLK	PCB Touch Up Black 15ml
CT-OPC	PCB Touch Up Clear 15ml
CT-OPG	PCB Touch Up Green 15ml
CT-OPR	PCB Touch Up Red 15ml

### Tip Tinner

Tip Tinner are commonly used for solder tip tinning and cleaning in most electronic manufacturing and repair facilities. Chemtools CT-TC -1 is a mild strength, general purpose use tip tinner. Suitable for ongoing use of prevent any flux build up and oxidation on soldering iron tips. Chemtools CT-TC-2 is a high strength, highly active tip tinner. This product is used when soldering tip plating has oxidised and the whole tip has turned black making the tip unusable.



Chemtools Part Number	Description
CT-TC-1	Mid Strength Tip Tinner 20g
CT-TC-2	High Strength Tip Tinner 20g

### Solder Wick No Clean

No Clean Solder Wick is used most often in the rework and repair of circuit boards and other applications in computers, cell phones or other electronics. It is woven copper that easily lets you remove the extra solder from components or pads on the circuit board. Chemtools wick products are made using ultra, oxide-free copper, braided into a weave configuration which maximizes thermal conduction and solder retention. All Chemtools de-soldering wick are all RoHS compliant and can be used with lead and lead free rework.

Chemtools Part Number	Description
WKNC-1-5	Solder wick 0.63mm - 1.5M /5 Feet Spools
WKNC-2-5	Solder wick 1.27mm - 1.5M/5 Feet Spools
WKNC-3-5	Solder wick 1.90mm - 1.5M/5 Feet Spools
WKNC-4-5	Solder wick 2.50mm - 1.5M/5 Feet Spools
WKNC-5-5	Solder wick 3.20mm - 1.5M/5 Feet Spools
WKNC-1-25	Solder wick 0.63mm - 7.6M/25 Feet Spools
WKNC-2-25	Solder wick 1.27mm - 7.6M/25 Feet Spools
WKNC-3-25	Solder wick 1.90mm - 7.6M/25 Feet Spools
WKNC-4-25	Solder wick 2.50mm - 7.6M/25 Feet Spools
WKNC-5-25	Solder wick 3.20mm - 7.6M/25 Feet Spools



### Instant Adhesives

8401 is the general purpose adhesive use for most applications.

8406 is a low viscosity, wicking grade adhesive.

8403 is a low odor, low bloom adhesive and commonly used in final assembly.

Chemtools Part Number	Description
8401-20	Instant Adhesive General Purpose 20g
8406-20	Instant Adhesive Low Viscosity 20g
8403-20	Instant Adhesive Low Bloom 20g



### Threadlockers

Anaerobic Threadlockers which are ideal to lock and seal threaded fasteners. They also acts to prevent screws from rust and corrosion. Ensure your screws do not unwind during transport or in use and seal with a threadlocker.

8222 low strength is commonly used when simple disassembly is required. Screws up to 6mm.

8243 with its medium strength and ability to disassemble makes it the most commonly used product Screws up to 25.

8277 high strength used for M25 and larger and is also a permanent lock for long life applications where disassembly with not be required.

Chemtools Part Number	Description
8222-10	8222 Threadlocker Low Strength 10ml
8243-10	8243 Threadlocker Mid Strength 10ml
8277-10	8277 Threadlocker High Strength 10ml



### Wire Tacking Kit

Formulated for PCB assembly and repair, wire tacking, board repair, tack jumper wires and wires to coil forms, tamper proofing adjustable components. Mount standoffs, edge guides and stiffeners to circuit boards. Also available in kit form with activator.

Chemtools Part Number	Description
8444-PAK	8444 Wire Tack Kit
8444-20	8444 Wire Tack Adhesive 20g
8-1155-100	Adhesive Activator 100ml



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