



# PCB PRODUCTION, REWORK, AND PROTOTYPING

www.aclstaticide.com

(847) 981-9212

(800) 782-8420



#8607



#8620



#8621

## PRECISION FLUX REMOVERS

**Flux removal is critical to ensure reliable circuitry. In addition to being unsightly, some flux residues can contribute to short circuits, corrosion, and degrading of the printed circuit board. The type of flux to be removed, solvent compatibility, and ease of application are all factors to consider when choosing a flux remover. ACL's flux remover aerosols can be sprayed in any direction and are specially formulated to remove various flux types such as rosin, no clean, water soluble, and synthetic.**

- ⊗ Fast evaporating, non-residual
- ⊗ Superior cleaning strength ⊗ surpasses general purpose contact cleaners
- ⊗ Easy to remove
- ⊗ Ozone-safe and free of CFCs and HCFCs

## 8607 ACL FLUX REMOVER NO CLEAN EXTRA

**ACL Flux Remover No Clean EXTRA is a powerful cleaner formulated for quick evaporation and removal of silicone-based substrates. This plastic-safe flux remover leaves surfaces residue-free making it ideal for cleaning through-hole, BGA, SMT design circuit boards, and general electronics manufacturing and assembly.**

**The low surface tension formula allows access into hard-to-reach areas and rapid removal of all types of no clean flux and pastes, oxide particles, carbon, organic residues, adhesives, silicone-based conformal coatings, and greases.**

- ⊗ Formulated with high-purity solvent specific for electronics
- ⊗ Added ESD brush with chemical resistant bristles
- ⊗ Non-corrosive and safe for metals and components
- ⊗ Flammable

Product #8607: 11oz (312g) aerosol can ⊗ 12 per case

## 8620 ACL FLUX REMOVER HEAVY DUTY

Highly specialized full-strength flux remover is our most plastic-safe non-flammable flux remover. **This product can be used in any industrial setting, and is an excellent choice when used in areas with sources of ignition or heat. This is the best ACL flux remover for eliminating encrusted synthetic fluxes on sensitive and soft plastics.**

**This is the ideal flux remover for medical device manufacturing and assembly, medical device prototyping, aviation, avionics, and telecom manufacturing and installation.**

- ⊗ Highly effective on all flux types
- ⊗ Suitable to use in high-risk safety areas
- ⊗ Excellent compatibility with plastics
- ⊗ Non-flammable

Product #8620: 11oz (312g) aerosol can ⊗ 12 per case

## 8621 ACL FLUX REMOVER ROSIN

**Flux Remover Rosin is a fast-drying aerosol that quickly and completely removes R, RMA, RA, and synthetic flux residue. With its low surface tension and superior wetting properties, Flux Remover Rosin removes harmful residues in tight tolerance areas.**

**The ACL Flux Remover Rosin is plastic-safe and suitable to use on printed circuit boards, motors, generators, metal housings, plugs, relays, contacts, switches, surface mount devices, and pads.**

- ⊗ One cleaner for companies using different rosin types
- ⊗ Best flux remover for synthetic rosin types
- ⊗ Flammable

Product #8607: 11oz (312g) aerosol can ⊗ 12 per case



## 8622 ACL FLUX REMOVER LEAD-FREE

This powerful solvent removes heavy and encrusted flux deposits resulting from high temperature lead-free soldering applications. This extra strength cleaner quickly removes all types of flux, oxide particles, **carbon, dust, grease, and oil**. It **evaporates quickly, leaving no residues**.

- ⊗ Highly effective on the most difficult to remove lead-free products.
- ⊗ **Flammable**

Product #8622: 11oz (312g) aerosol can 12 per case



#8622

## 8623 ACL FLUX REMOVER NO CLEAN

This extra strength solvent is an excellent choice for removing all synthetic rosin and no clean fluxes. **Non-corrosive, this formula is particularly safe to use on metal**. Equipped with an ESD brush, this is our **best cleaner for zero white residue**.

- ⊗ Remove aged and oxidized no clean flux
- ⊗ **Leaves no white residue**
- ⊗ **Flammable**

Product #8623: 11oz (312g) aerosol can 12 per case



#8623

## 8624 A4 ALL PURPOSE FLUX REMOVER AND CLEANER

**A4 All Purpose Flux Remover and Cleaner** is an extra strength solvent that has a powerful spray and strong solvent that blasts off residues and cleans areas under components that brushing cannot reach. An environmentally friendly replacement for HCFC-141b, NPB, and AK-225.

This non-flammable flux remover is a benchtop essential for removing most types of fluxes used in general industrial electronic settings such as electronics manufacturing, rework assembly, and military defense.

- ⊗ **Wide variety of cleaning applications**
- ⊗ Most aggressive non-flammable remover for solder fluxes
- ⊗ Non-flammable

Product #8624: 12oz (340g) aerosol can 12 per case



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# PCB PRODUCTION, REWORK, AND PROTOTYPING

## STATICIDE® ELECTRONIC AND ALL-PURPOSE CLEANERS

ACL's aerosol cleaners are formulated with unique properties suited to specific applications. Our precision electronic cleaners and degreasers are made for critical electronics cleaning, electrical assemblies, and sensitive components. Our all-purpose cleaners for non-electronic applications are indispensable favorites for their versatility and reliability in cleaning a multitude of surfaces.

Using the finest high-purity solvents to remove environmental contaminants, the electronic cleaners are innocuous to solvent sensitive components and protect from corrosion, frictional wear, and insulative oil and grease. All aerosol cleaners have 360° spraying abilities and leave no residue.

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#8601



#8604

### 8601 ELECTRONICS CLEANER DEGREASER PF

This extra strength universal cleaner and degreaser is aggressive enough for removing light grease and carbonized soils, but still safe to use on plastics. It is an ideal all-purpose cleaner that is designed for fiber optics and telecommunications, but can also be used in general purpose electronics rework and repair applications.

- ✦ Effective in fiber optics and telecommunications
- ✦ Safe for plastic and glass
- ✦ Flammable

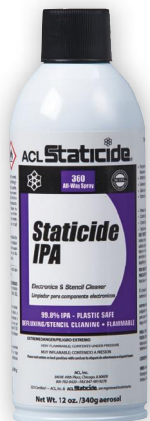
Product #8601: 12oz (340g) aerosol can 12 per case

### 8604 ELECTRONICS RINSE VT

Electronics Rinse VT is a low-odor economical alternative to other universal electronics contact and assembly cleaners with super evaporation properties. This plastic-safe solvent is our best non-residual electronics cleaner and an excellent replacement for HCFC-141b.

- ✦ Essential electronics cleaner for semi-conductor and PCB applications
- ✦ Aggressive cleaner for heat sink greases
- ✦ Non-flammable

Product #8604: 11oz (312g) aerosol can 12 per case



#8625



#8670

### 8625 STATICIDE IPA

An essential workbench companion for the removal of solder pastes, inks, adhesives, and flux residues, Staticide® IPA is indispensable for general cleaning applications and removing contaminants.

- ✦ 98.8% pure isopropyl alcohol
- ✦ Ideal for electronics cleaning and flux thinning
- ✦ Flammable

Product #8625: 12oz (340g) aerosol can 12 per case

### 8670 PLASTIC AND GLASS CLEANER

A single application of this anti-static foam cleaner removes electrostatic buildup while also removing dirt, grease, ink, fingerprints and nicotine stains. The high foaming solution will not streak, smear, scratch, or abrade. Transparent surfaces are left spotless for improved optical clarity and distortion-free reading.

- ✦ Foaming spray won't run or drip
- ✦ Ideal for viewing ports, computer monitors, and electronic housing
- ✦ Non-flammable

Product #8670: 14oz (397g) aerosol can 12 per case



## STATICIDE® LUBRICATING CLEANERS

These unique two-in-one lubricating cleaning products provide consistent and reliable performance true to the Staticide name. Using extremely pure chemicals in the formulations, these contact cleaners restore electrical continuity to all electronic and electrical contacts by penetrating and removing insulating oil and grease, conductive carbon soil, and insulative oxides from contact surfaces.

### 8606 LUBRICANT CONTACT RENEW

Our one-step contact restorer and lubricant is ideal for all PCB applications.

- ✦ Highly effective moisture displacement
- ✦ Restore corroded circuits and contacts
- ✦ Removes problematic carbonized soils
- ✦ Non-flammable

Product #8606: 11oz (312g) aerosol can 12 per case

### 8608 PL40 PREMIUM PENETRATING LUBRICANT

This peak-performance cleaner and aggressive universal lubricant is suitable for loosening frozen moving parts such as hinges, joints, and solenoids.

- ✦ Penetrates deep to remove corrosion on machine parts and equipment components
- ✦ High solid content allows for superior lubrication
- ✦ Flammable

Product #8608: 11oz (312g) aerosol can 12 per case



#8606

#8608

## STATICIDE® SOLDER MASKING AGENTS

Keep the solder on the pad and protect components from corrosion and electrical shorts during conformal coating processes by leaving component-free areas on PCBs during soldering. Easy to apply and easy to remove.

### 8691 MIGHTY MASK

This peelable, fast-curing solder mask is formulated with a special, high-temperature resistant compound for short-term, high-temperature protection up to 510°F. Its superior strength allows compatibility with most flux systems and cleaning solvents. Dries tack-free in 30 minutes.

- ✦ Tweezer removal convenient to use
- ✦ Ideal for temperature-sensitive components in hand and wave soldering
- ✦ Non-flammable water-based latex

Product #8691: 8oz (236ml) squeeze bottle with yorzer spout 12 bottles per case

### 8692 MIGHTY MASK II

Specifically designed for closed-loop systems, this washable solder mask is easily removed with inline and batch cleaning systems.

- ✦ Low odor
- ✦ Safe for use on ion beds and filters in closed-loop cleaning systems
- ✦ Non-flammable and non-toxic

Product #8692: 8oz (236ml) squeeze bottle with yorzer spout 12 bottles per case



#8691

#8692

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## CONFORMAL COATING

ACL Staticide Conformal Coatings safeguard against contaminants found in harsh environmental conditions such as moisture, salt water, chemicals, and debris.

When PCBs, components, and flex circuitry are treated with one of our three formulations, the hard-shell insulative conformal coating provides a minimum dielectric strength of 1100 volts/mil, to prevent high-voltage arcing, shorts, and static discharge.

All varieties offer a fast cure time and work well in both hot and cold operating environments. A UV tracer is added for easy quality control. All products are packaged in a convenient ready-to-use aerosol spray. Each formulation is compliant to chemical regulations including RoHS and REACH.

## 8690 ACRYLIC CONFORMAL COATING

Acrylic Conformal Coating is ideal for providing insulation against high-voltage arcing and corona shorts. Extremely durable, it provides a hard, flexible protective barrier with self-healing properties to protect against nicks and scratches after curing. It is suitable for both rigid and flexible PC boards.

- ✿ Operating temperature from -75°F/-59°C to 270°F/132°C
- ✿ Fast-drying formulation with self-healing properties
- ✿ Flammable

Product #8690: 12oz (340g) 12 aerosol cans per case



#8690

## 8695 SILICONE CONFORMAL COATING

The Silicone Conformal Coating provides superior protection against elements that cause oxidation and corrosion including salt water and rain. It is designed for high-temperature applications in high-humidity environments.

Silicone Conformal Coating is ideal for many high-end applications including automotive manufacturing, but is the go-to choice for marine, avionic, and aerospace manufacturing.

- ✿ Operating temperature from -55°F/-64°C to 390°F/199°C
- ✿ Provides superior protection from saltwater corrosion
- ✿ Flammable

Product #8695: 11oz (312g) 12 aerosol cans per case



#8695

## 8696 URETHANE CONFORMAL COATING

The Urethane Conformal Coating provides the hardest shell coating for chemical resistance. It protects against acidic and alkaline substances making it a great choice for many general duty applications, such as HVAC, fire alarms, relays, generators, motors, and transformers.

- ✿ Operating temperature from -75°F/-59°C to 270°F/132°C
- ✿ Ideal for use in battery operated devices
- ✿ Flammable

Product #8696: 11oz (312g) 12 aerosol cans per case



## STATICIDE® GAS DUSTERS

ACL's ozone-safe compressed air dusters are free of CFCs and HCFCs. Each blast is engineered for specific applications.

### 8660 FREEZE SPRAY ANTI-STAT

ACL's high-performance freeze spray quickly cools off printed circuit boards with pinpoint accuracy to help identify failed electrical components, such as resistors, capacitors, and relays.

An added anti-stat in the formula prevents corrosion-causing frost and neutralizes static generation due to friction.

- ✿ Excellent for failed component identification
- ✿ **Anti-static formula will not cause frosting**
- ✿ Ultra-pure; filtered to 0.20 microns
- ✿ Non-flammable

Product #8660: 12oz (340g) aerosol can 12 per case



#8660

### 8640 TURBO BLAST

This big blast duster for electronic cleaning applications doesn't sacrifice precision when blasts of air are applied. The anti-static formula rids surfaces of particulate contamination without adding moisture or corrosion-causing frost.

Safe to use wherever cleanliness is of concern, Turbo Blast uses only non-recycled material for ultra purity. Additional filtering provides assurance that there are no trace contaminants.

- ✿ **Leaves no residue**
- ✿ **May be used on energized equipment**
- ✿ Ultra pure; filtered to 0.20 microns
- ✿ **Ideal for PCBs and laboratory equipment**

Product #8640: 11oz (296g) aerosol can 12 per case



#8640

### 8037 PRECISION DUST REMOVER II

This multi-purpose duster provides a moderate blast of air that will blow dust and debris out of the crevices of keyboards, printers, copiers, and other commercial office equipment.

- ✿ **Leaves no residue**
- ✿ Ideal for computer and office equipment
- ✿ **100% Ozone safe**

Product #8037: 10oz (284g) can / 12 cans per case



#8037

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