



TECHSPRAY®

Chemtronics®

Aviation Cleaning & Maintenance Selection Guide



www.techspray.com/aviation
www.chemtronics.com



Specifications

Description	Page
PWR4 Aviation Degreaser 3 <i>2851-20S</i>	3
Airbus UK ABR9-0140 General Purpose Cleaning Solvent Boeing D6 17487, Rev T Call-out: FedEx CPN 0311737	
Aviation 2000 Degreaser 3 <i>2859-13S</i>	3
MIL-PRF29608 (AS) 2008 – with the exception of flux removal (not tested). Airbus AIMS09-00-002 Boeing BSS7432 Douglas CSD No.1 Call-out: Delta Airlines 032202071	
Precision V Aviation Maintenance Cleaner 3 <i>2870-19S</i>	3
NASA/TP-2015-218207 SAE ARP1176 Call-out: Delta Airlines 032202077	
Blue Shower Maintenance Cleaner 4 <i>1630-16S</i>	4
Airbus AIMS-09-00-002 (includes corrosion, paint softening, hydrogen embrittlement and immersion test) and Airbus UK ABR 09-0140 Call-out: Americal Airlines M&E number 00-0610-3-7064 Boeing D6 17487, Rev T	
G3 Flux Remover 4 <i>1631-16S, 1634-12S</i>	4
Airbus AIMS-09-00-002 (includes corrosion, paint softening, hydrogen embrittlement and immersion test) and Airbus UK ABR 09-0140 Boeing D6 17487, Rev T	
G3 Contact Cleaner 4 <i>1632-16S</i>	4
Airbus UK ABR 09-0140 Boeing D6 17487, Rev P Call-out: Boeing Aircraft 127713	
Aviation Degreaser II 4 <i>1647-16S</i>	4
Boeing D6 17487, Rev T, NESHAP 63.741-753 American Airlines M&E number 00-0602-3-1670	

Description	Page
Citrus HF 5 <i>2892-G, 2892-5G, 2892-54G, 2892-13S</i>	5
Airbus AIMS09-00-002 Boeing specification BSS7432	
Max-Kleen™ Tri-V™ 5 <i>VV2279, VV179, VV5579, VV579</i>	5
Boeing BSS7432 GE Aviation SM2369-01, report #Q40358 Airbus UK ABR 09-0140, ARP1755B Stock Loss, GE Aircraft Engines Hot Corrosion Testing 70-16-80-700-092; American Airlines M&E number 00-0602-3-0047	
Liquid Oxygen Validation Solvent 5 <i>2996-G</i>	5
SAE ARP1176	
PAINT & COMPOSITE SURFACE PREP	
Isopropyl Alcohol 99.9% IPA 8 <i>Technical Grade & Presat IPA wipes</i>	8
TT-I-735 Rev. A&B, ASTM D770-05, GE Aviation D5B57	
EmaroSolv Citrus Aviation Degreaser 8 <i>2890-G, 2890-5G, 2890-54G</i>	8
Boeing BSS7432 & Airbus AIMS-09-00-002 (includes corrosion, paint softening, hydrogen embrittlement and immersion test)	
EmaroSolv Clean & Prep 8 <i>2855-5G, 2855-54G</i>	8
Boeing BSS7432 & Airbus AIMS-09-00-002 (includes corrosion, paint softening, hydrogen embrittlement and immersion test)	
Clean & Prep Wipes* 9 <i>2805, 2810, 2811, 2812, 2813</i>	9
2813-100-69-C American Airlines M&E number 00-0610-3-73387 *Meets AMS3819C & BMS15-5	
Coventry™ Econowipes 9 <i>6713</i>	9
AMS3819C, BMS15-5, Bombardier Aerospace, Cessna Aircraft Company CSFS039, Douglas Material Specifications DMS-1820E, Japan Defense Agency, Pratt & Whitney GA100-11G, US Air Force T.O.1-1.8, US Navy NAVAIR	

Maintenance Cleaners



Aviation Degreaser

Nonflammable & powerful spray for removing hydraulic and lubricating fluids

Specially engineered aviation degreaser with strong grease removal of hydraulic fluid, fuel oils, lubricating oils and greases, and other organic residues. Features a powerful, long-reaching spray to clean hard-to-reach parts from as far as 10 feet. Fast evaporating, quick penetrating, and ideal for cleaning aviation parts.

- Nonflammable
- Rapid evaporation
- Zero residue
- Low toxicity - does not contain n-propyl bromide
- Dielectric breakdown of 13.7 kV
- VOC compliant for EPA, CARB and SCAQMD
- Extension tube included for pin-point accuracy

2851-205 20 oz (567g) aerosol



Specifications:

Meets Airbus UK ABR9-0140 General Purpose Cleaning Solvent, FedEx CPN 0311737, Boeing D6 17487, Rev T

Aviation 2000 Degreaser

High pressure cleaner to quickly flush out grease & other soils

Quickly blast away encrusted dirt, carbonized oils, grease and Skydrol from aircraft engine housings, parts and avionic components. Can be used as an electronic contact and plug cleaner for non-energized equipment. Excellent wetting action lifts and removes soils from the tightest areas.

- Trigger allows for greater control of spray, providing a throttling action for better controlled cleaning
- Moderate evaporation for soak-in time
- Zero residue
- Low toxicity - does not contain n-propyl bromide
- Does not contain CFCs, HCFCs or chlorinated solvents
- Meets EU F-gas requirements
- Valve sprays upside-down
- Extension tube included for pin-point accuracy

2859-135 13 oz. (369g) aerosol



Specifications:

Boeing BSS7432, Douglas CSD No.1
Airbus AIMS09-00-002
Call-out: Delta Airlines 032202071

Aviation Maintenance Cleaner

Nonflammable aviation degreaser for cleaning sensitive surfaces

Specially engineered aviation degreaser with strong grease removal of hydraulic fluid, fuel oils, lubricating oils and greases, and other organic residues. Features a powerful, long-reaching spray to clean hard-to-reach parts from as far as 10 feet. Fast evaporating, quick penetrating, and ideal for cleaning aviation parts.

- Ideal for aircraft surfaces exposed to hydraulic fluids and contaminants
- Nonflammable
- Safe on most commercial resins, plastics, urethanes, and synthetic gaskets
- Frost-free
- Rapid evaporation
- Zero residue
- Low toxicity - does not contain n-propyl bromide
- Meets EU F-gas requirements
- VOC-free (per EPA) - low GWP
- Dielectric withstand voltage of 41kV
- Extension tube included for pin-point accuracy

2870-195 19 oz. (539g) aerosol



Specifications:

NASA/TP-2015-218207, SAE ARP1176
Call-out: Delta Airlines 032202077

Maintenance Cleaners



Blue Shower Maintenance Cleaner

Nonflammable, powerful cleaner

Clean oil and contaminants off of metal parts, printed circuit boards, barcode instruments, switch boxes, gear relays, and electronic motor controllers.

- Nonflammable
- Powerful cleaner
- Rapid evaporation
- Zero residue
- Low toxicity - does not contain n-propyl bromide
- Dielectric strength – 27.3 kv
- Extension tube included for pin-point accuracy

1630-16S 16 oz. (454g) aerosol

Specifications:

Boeing D6 17487, Rev T
Airbus AIMS-09-00-002 (includes corrosion, paint softening, hydrogen embrittlement and immersion test) and Airbus UK ABR 09-0140
Call-out: Americal Airlines M&E number 00-0610-3-7064



Flux Remover

Nonflammable and fast-acting flux remover

Remove flux residues and other contaminants left by manufacture, rework, or repair of printed circuit boards.

- Nonflammable
- Powerful cleaner
- Available for standard and no-clean fluxes
- Zero residue
- Low toxicity - does not contain n-propyl bromide
- All-in-one cleaner and defluxer
- Rapid evaporation
- Extension tube included for pin-point accuracy

1631-16S 16 oz. (454g) aerosol
1634-12S No-clean Flux Remover
12 oz (340g) aerosol

Specifications:

Boeing D6 17487, Rev T
Airbus AIMS-09-00-002 (includes corrosion, paint softening, hydrogen embrittlement and immersion test) and Airbus UK ABR 09-0140



1631-16S



Contact Cleaner

Nonflammable, powerful contact cleaner

Clean oxidation, oil, and other contaminants from contacts, metal switches, relays, edge connectors, buss bars, and circuit breakers.

- Nonflammable
- Powerful cleaner
- Rapid evaporation
- Zero residue
- Low toxicity - does not contain n-propyl bromide
- Dielectric strength – 36.2 kv
- Extension tube included for pin-point accuracy

1632-16S 16 oz. (454g) aerosol

Specifications:

Boeing D6 17487, Rev T
Boeing Aircraft 127713
Airbus UK ABR 09-0140



Aviation Degreaser II

Low-VOC cleaner for removing hydraulic and lubricating fluids

Specially engineered aviation degreaser, formulated specifically to meet NESHAP requirements while providing strong removal of hydraulic fluid, fuel oils, lubricating oils and greases, and other organic residues. Fast evaporating, quick penetrating, and ideal for cleaning aviation parts.

- Nonflammable
- Low VOC / NESHAP compliant
- Rapid evaporation
- Zero residue
- Low toxicity - does not contain n-propyl bromide
- Dielectric breakdown of 11.9 kv
- CARB compliant
- Extension tube included for pin-point accuracy

1647-16S 16 oz. (454g) aerosol

Specifications:

Boeing D6 17487, Rev T,
NESHAP 63.741-753
American Airlines M&E number 00-0602-3-1670



Maintenance Cleaners



Citrus HF

Nonflammable, powerful cleaner

PWR-4 Citrus Degreaser HF is ideal for removal of all types of soils including oxidized grease, sludge, wax, tar and oil. The moderate evaporation rate increases the cleaning power for hard-to-remove soils. The low surface tension provides for superior wetting to clean in even the tightest spots. PWR-4 Citrus Degreaser HF has a flash point greater than 140° F which may be advantageous when planning for disposal of used rags.

- Citrus-based formula with moderate evaporation rate
- Quickly removes all types of tough soils including oxidized oil and grease
- Safe for use on most metals and plastics
- Flashpoint greater than 140° F
- Non-corrosive and nonconductive
- Low toxicity
- Zero residue
- VOC compliant degreaser
- Meets EU F-gas requirements
- Valve sprays upside-down

2892-G	1 gal. (3.8L) pail
2892-5G	5 gal. (18.9L) pail
2892-54G	54 gal. (204L) drum
2892-13S	13 oz (369g) aerosol

Specifications:

Boeing BSS7432
Airbus AIMS-09-00-002



Cleaning and validation of Oxygen Systems Hardware

Liquid Oxygen Validation Solvent

Techspray Liquid Oxygen Validation Solvent is a proprietary azeotropic blend designed specifically for effective cleaning and validation of NASA propulsion oxygen systems hardware. This unique formulation is non-combustible and exhibits good material compatibility, oxygen system compatibility and high cleaning effectiveness. It is an ideal AK-225 replacement in systems where high cleaning efficiency and high non-volatile residue removal are required.



2996-G 1 gal. (3.8L) bottle

Specifications:

Meets SAE ARP1176

- Very low non-volatile residue for maximum performance and safety
- Low global warming potential (GWP)
- Azeotropic composition provides excellent composition stability
- Low toxicity
- Rapid evaporation

Applications:

- Designed for use in oxygen system cleaning
- Cleaning solvent for critical cleaning applications
- Removes particulates and debris
- Removes fluorocarbon greases and oils used to lubricate fittings



Max-Kleen™ Tri-V™

Extra-strength, nonflammable heavy-duty degreaser for replacing n-propyl bromide

- Full azeotrope - ideal when reclamation process is required
- Nonflammable
- Can be used on energized equipment
- Rapid evaporation
- Zero residue
- Low toxicity - does not contain n-propyl bromide

VVV2279	20 oz / 567 g aerosol
VVV179	1 gal / 3.7 L liquid
VVV579	5 gal / 18.9L pail
VVV5579	53 gallons / 200 L liquid

Specifications:

Boeing BSS7432
GE Aviation SM2369-01, report #Q40358
Airbus UK ABR 09-0140, ARP1755B Stock Loss, GE Aircraft Engines Hot Corrosion Testing 70-16-80-700-092; American Airlines M&E number 00-0602-3-0047



VVV579

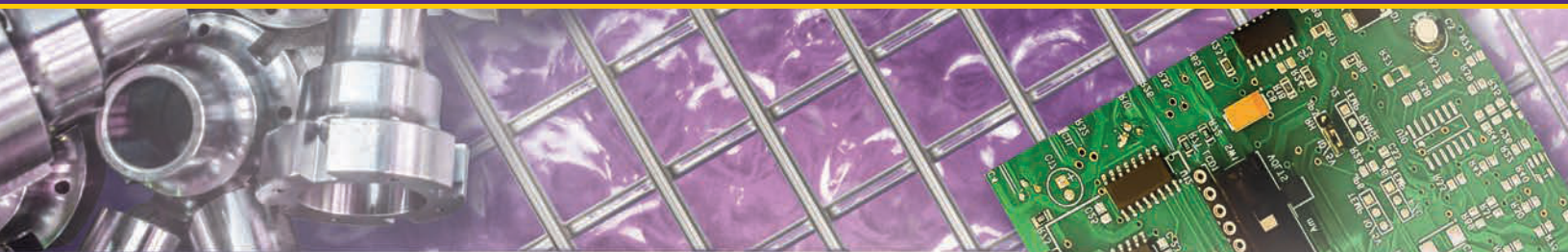
Precision-V Solvent 3710DL

For cleaning and validation of Oxygen Systems Hardware

Techspray Precision-V 3710DL is a high purity solvent used for precision cleaning as a deposition solvent. It is an ideal product for removing and controlling the contaminants such as ions, particulates, metals, and non-volatile residue.

3710DL-G 1 gal. (3.8L) bottle

- Nonflammable
- Low toxicity
- Extremely low non-volatile residue for maximum performance and safety
- Replacement for 3M Novec 7100DL
- Rapid evaporation



Greater Safety & Performance

Techspray offers a wide variety of vapor degreaser formulas engineered to meet challenging requirements like cleanliness specifications, difficult-to-clean soils, solvent-sensitive materials, and restrictive regulations.

All Techspray solvents have azeotropic properties that allow them to remain stable as they are cycled in a vapor degreaser. They are not reactive or corrosive to metals commonly found in the construction of vapor degreasers.

PWR-4™ solvents are designed to replace nPB, TCE and Perc, matching and surpassing cleaning performance without the safety concerns.

Precision-V™ vapor degreaser solvents are ideal replacements for 3M Novec solvents and AK-225 based cleaners, which were phased out due to the ozone depletion restrictions of the Montreal Protocol.

PRECISION V™ NEW!

Solvent 3810

Plastic-safe rinsing agent & heat transfer fluid

- Replacement for Novec 7100, 7200 & 7300
- Nonflammable
- Plastic-safe

3810-G	1 gal. (3.8L) pail
3810-5G	5 gal. (19L) pail
3810-54G	54 gal. (205L) drum

PRECISION V™ NEW!

Solvent 3820

Powerful, high precision solvent

- Replacement for Novec 71DA, 71DE, 72DA, 72DE & 73DE
- Nonflammable
- Effective on cutting fluids, heavy greases & oils

3820-G	1 gal. (3.8L) pail
3820-5G	5 gal. (19L) pail
3820-54G	54 gal. (205L) drum

PLR 4™ NEW!

Solvent 3910

Heavy-duty cost effective nonflammable degreaser

- Replacement for Novec 71DE, 72DE, 72DA and 73DE.
- 100% domestic sources
- Extremely Low GWP

3910-G	1 gal. (3.8L) can
3910-5G	5 gal. (19L) pail
3910-54G	54 gal. (205L) drum

PLR 4™ NEW!

Solvent 3410

Heavy-duty, cost effective degreaser

- Replacement for Novec 71DE, 72DA, 72DE & 73DE
- Nonflammable
- Effective on heavy greases, oils & waxy corrosion inhibitors
- For vapor degreasing, ultrasonic & immersion cleaning

3410-G	1 gal. (3.8L) pail
3410-5G	5 gal. (19L) pail
3410-54G	54 gal. (205L) drum

PLR 4™ NEW!

Industrial Maintenance Cleaner 3400

Heavy-duty, cost effective degreaser

- Replacement for Novec 71DE, 72DE & 73DE
- Nonflammable
- Effective on heavy greases, oils & waxy corrosion inhibitors
- For vapor degreasing, ultrasonic & immersion cleaning
- Lower GWP

3400-G	1 gal. (3.8L) pail
3400-5G	5 gal. (19L) pail
3400-54G	54 gal. (205L) drum

PLR 4™ NEW!

Flux Remover 3401

Heavy-duty, cost effective flux remover

- Replacement for Novec 71DE, 72DE & 73DE
- Nonflammable
- Effective on rosin, RMA, no-clean & lead-free fluxes
- For vapor degreasing, ultrasonic & immersion cleaning
- Lower GWP

3401-G	1 gal. (3.8L) can
3401-5G	5 gal. (19L) pail
3401-54G	54 gal. (205L) drum

PRECISION V™ NEW!

Solvent 3900

Nonflammable, Plastic safe rinsing agent and heat transfer fluid

- Replacement for Novec 7100, 7200 and 7300.
- 100% domestic sources
- Extremely Low GWP

3900-G	1 gal. (3.8L) can
3900-5G	5 gal. (19L) pail
3900-54G	54 gal. (205L) drum

Techspray Has The Novec Replacements You Need.

Replacements

For companies reacting to the unreliable availability of Novec solvents, Techspray offers a line of chemically identical replacements. Because these formulas are replicated at the molecular level, qualification testing is optional. COC's are available to ensure your strict quality standards are maintained.

3M Novec # Techspray Drop-in Replacement

7100	Precision-V 3710	
	3710-G	1 gal. (3.8L) can
	3710-5G	5 gal. (19L) pail
	3710-54G	54 gal. (205L) drum
7100DL	Precision-V 3710DL	
	3710DL-G	1 gal. (3.8L) can
71DA	Precision-V 371DA	
	371DA-G	1 gal. (3.8L) can
	371DA-5G	5 gal. (19L) pail
	371DA-54G	54 gal. (205L) drum
71DE	Precision-V 371DE	
	371DE-G	1 gal. (3.8L) can
	371DE-5G	5 gal. (19L) pail
	371DE-54G	54 gal. (205L) drum
71IPA	Precision-V 371IPA	
	371IPA-G	1 gal. (3.8L) can
	371IPA-5G	5 gal. (19L) pail
	371IPA-54G	54 gal. (205L) drum
7200	Precision-V 3720	
	3720-G	1 gal. (3.8L) can
	3720-5G	5 gal. (19L) pail
	3720-54G	54 gal. (205L) drum
72DA	Precision-V 372DA	
	372DA-G	1 gal. (3.8L) can
	372DA-5G	5 gal. (19L) pail
	372DA-54G	54 gal. (205L) drum
72DE	Precision-V 372DE	
	372DE-G	1 gal. (3.8L) can
	372DE-5G	5 gal. (19L) pail
	372DE-54G	54 gal. (205L) drum
7300	Precision-V 3730	
	3730-G	1 gal. (3.8L) can
	3730-5G	5 gal. (19L) pail
	3730-54G	54 gal. (205L) drum
73DE	Precision-V 373DE	
	373DE-G	1 gal. (3.8L) can
	373DE-5G	5 gal. (19L) pail
	373DE-54G	54 gal. (205L) drum



Options For Replacing 3M Novec Solvents

With 3M's announcement of their discontinuation of Novec branded solvents by the end of 2025, companies are scrambling to identify the best solution for the immediate and long-term . . .

Option 1 - Immediate solution

Choose one of Techspray's chemically identical Novec replacements. Cleaning qualification should not be necessary. COA available on request.

Option 2 - Long-term solution

Choose one of Techspray's replacements, under the product brands PWR-4 and Precision-V, for improved performance and cost. Custom formulations are available to meet specification requirements (e.g. low GWP, PFAS-free).

Techspray has great products for any of these options. Go to www.novecreplacements.com for details.

Isopropyl Alcohol (IPA)

Techspray has the broadest line of isopropyl alcohol (IPA) in the industry, ranging from aerosol, pre-saturated wipes, and bulk packaging. Two grades of IPA are available: 99.8% anhydrous (containing as little water as possible) for fast-drying cleaning and 70% IPA / 30% DI water for heavy greases and other cleaning when slower evaporation is desired.

Technical Grade IPA* – 99.8%

1610-P	1 pt. (473mL) bottle
Call-out: American Airlines M&E number 88-0602-3-1051	
1610-G1	1 gal. (3.8L) bottle, sold only 1/cs
Call-out: American Airlines M&E number 00-0060-3-0395	
1610-G4	1 gal. (3.8L) bottle, sold only 4/cs
Call-out: American Airlines M&E number 00-0060-3-0127	
1610-5G	5 gal. (19L) container
Call-out: American Airlines M&E number 00-0060-3-0127	
1610-54G	54 gal. (205L) drum
Call-out: American Airlines M&E number 00-6070-3-0485	

*Technical grade Specs: TT-I-735 Rev. A, ASTM D770-05, and GE Aviation D5B57

Presaturated Wipes*

1610-100DSP	Wipes in tub dispenser, 100 wipes / tub
1610-50PK	Single wipe packets, 50 wipes / box

*PresatIPA wipes Specs: TT-I-735 Rev. A&B, ASTM D770-05, and GE Aviation D5B57

Cleaning Grade IPA – 70%

1608-P	1 pt. (473mL) bottle
Call-out: American Airlines M&E number 00-0060-3-0265	
1608-G4	1 gal. (3.8L) bottle, sold only 4/cs
1608-5G	5 gal. (19L) container
1608-54G	54 gal. (205L) drum

Presaturated Wipes

1608-100DSP	Wipes in tub dispenser, 100 wipes / tub
1608-50PK	Single wipe packets, 50 wipes / box



Paint & Composite Surface Prep Solvents



EmaroSolv Citrus Aviation Degreaser

EmaroSolv Citrus Aviation Degreaser is a biodegradable citrus solvent formulated for aircraft interior and exterior cleaning. EmaroSolv Citrus acts as powerful solvent to remove hydraulic oils/fluids (such as Skydrol), tar, adhesives, and heavy greases.

- Replacement for Ardrex 6076, Bioact 105, Bioact 108, PPG Eldorado and Astromat Orange DF (Astro ODF)
- Quickly removes all types of tough soils including oxidized oil and grease
- Safe for use on most metals (aluminum and titanium), paint, plastics, and many polymeric substrates, elastomers, and ferrous and non-ferrous alloys
- Non-corrosive and nonconductive
- Low toxicity, PFAS free

2890-G	1 gal (3.8L) pail
2890-5G	5 gal (19L) pail
2890-54G	54 gal (205L) drum

Specifications:

Boeing BSS7432 & Airbus AIMS-09-00-002 (includes corrosion, paint softening, hydrogen embrittlement and immersion test)

EmaroSolv Clean & Prep

EmaroSolv Clean & Prep: Safer alternative to MEK (Methyl Ethyl Ketone) and MPK (methyl propyl ketone) for surface cleaning and preparation. EmaroSolv Clean & Prep Solvent has similar evaporation and other characteristics to MEK and MPK, so it is considered a drop-in replacement for surface cleaning process. For removing dust, debris, and uncured resins during surface prep and clean-up of composite, metal bond and edge seal applications.

- Zero occupational exposure limits (OEL)
- Non-corrosive, safe for metals
- Extra-strength
- Moderate drying for better cleaning of thick greases
- Zero VOC

2855-5G	5 gal (19L) pail
2855-54G	54gal (205L) drum

Specification:

Boeing BSS7432 & Airbus AIMS-09-00-002 (includes corrosion, paint softening, hydrogen embrittlement and immersion test)

Paint & Composite Surface Prep Wipes

Techspray® Clean & Prep Pre-Saturated Wipes combine aerospace approved chemistries and wiping material in easy-to-use dispensing tubs. Four solvents are available for paint and composite prep: isopropyl alcohol (IPA), acetone, methyl ethyl ketone (MEK), methyl propyl ketone (MPK).

- Durable, lint-free wipe
- Aerospace approved wipe material & solvents
- Meets or exceeds AMS3819C and BMS15-5
- Prevent cross contamination – each wipe is new & clean
- Solvent-specific color-coded labeling
- Reusable canister reduces waste, solvent use & VOCs
- Refill rolls available to reduce cost & waste



2813-100-69-C

Typical Applications:

- General clean-up on work station, tools & parts
- Surface prep before painting, adhesive application & carbon fiber layup
- Cleaning & degreasing

Isopropyl Alcohol (IPA)*

For removing dust, debris, light oils, and fingerprints for paint surface prep. Reusable canister reduces waste, solvent usage & VOC emissions while maintaining consistent saturation.

- 2805-100-69-C** 50% IPA, 6"x9" (15.2cm x 22.9cm) rayon wipe, 100 wipes/tub, 12 tubs/cs
- 2805-100-69-R** REFILL - 50% IPA, 6"x9" (15.2cm x 22.9cm) rayon wipe, 100 wipes/roll, 12 rolls/cs
- 2810-100-69-C** 99% IPA, 6"x9" (15.2cm x 22.9cm) rayon wipe, 100 wipes/tub, 12 tubs/cs
- 2810-100-69-R** REFILL - 99% IPA, 6"x9" (15.2cm x 22.9cm) rayon wipe, 100 wipes/roll, 12 rolls/cs

Acetone*

For removing dust, debris, oils, greases, adhesives, wet epoxy, and paint overspray in composite and paint surface prep. Very fast evaporating, powerful cleaner, and VOC exempt.

- 2811-100-69-C** 100% Acetone, 6"x9" (15.2cm x 22.9cm) rayon wipe 100 wipes/tub, 12 tubs/cs
- 2811-100-69-R** REFILL - 100% Acetone, 6"x9" (15.2cm x 22.9cm) rayon wipe, 100 wipes/roll, 12 rolls/cs

Methyl Ethyl Ketone (MEK)*

For removing dust, debris, and uncured resins during surface prep and clean-up of composite, metal bond and edge seal applications. Effective on removing PR-1422, 1435 and similar tank sealants.

- 2812-100-69-C** 100% MEK, 6"x9" (15.2cm x 22.9cm) rayon wipe, 100 wipes/tub, 12 tubs/cs
- 2812-100-69-R** REFILL - 100% MEK, 6"x9" (15.2cm x 22.9cm) rayon wipe, 100 wipes/roll, 12 rolls/cs

Methyl Propyl Ketone (MPK)*

For removing dust, debris, uncured epoxy in composite surface prep, and inks in printing clean-up.

- 2813-100-69-C** 100% MPK, 6"x9" (15.2cm x 22.9cm) rayon wipe, 100 wipes/tub, 12 tubs/cs
Call-out: American Airlines M&E number 00-0610-3-7338
 - 2813-100-69-R** REFILL - 100% MPK, 6"x9" (15.2cm x 22.9cm) rayon wipe, 100 wipes/roll, 12 rolls/cs
- *Meets or exceeds AMS3819C and BMS15-5



2810-100-69-C



2811-100-69-C



2812-100-69-C

Wipes

COVENTRY® Econowipes

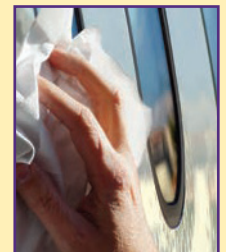
Econowipes consist of 55/45 cellulose/ polyester nonwoven fabric. These wipes have excellent absorbency, and contamination entrapment, as well as high strength. Econowipes are ideal as an economical utility wipe for any clean area.

- High resistance to solvent and diluted acid
- Excellent durability & particle entrapment
- Creped pattern for softness and absorbency
- Low lint vs. cotton cheese cloth
- Low ion contamination
- Packaged in a Class 100 environment

- 6713** 12" x 13" (30.5cm x 33.0cm) quarter folded 50 wipes/bag, 10 bags/case

Specifications:

AMS3819C, BMS15-5, Bombardier Aerospace, Cessna Aircraft Company CSFS039, Douglas Material Specifications DMS-1820E, Japan Defense Agency & Whitney GA100-11G, US Air Force T.O.1-1.8, US Navy NAVAIR.



Avionics Maintenance & Repair



Renew-Duster

- Very low GWP
- Nonflammable
- Non-ozone depleting
- Velocity – 12 m/s

1580-10S 10 oz. (283g) aerosol
Call-out: Raytheon part number 1048758



Anti-Static Freeze Spray *ESD-Safe Diagnostic Freeze Spray*

- Avoids static build-up
- Prevents latent failures
- Chills down to -60°F (-51°C)
- Nonflammable
- No frost buildup

1747-10S 10 oz. (283g) aerosol



CircuitWorks® Boron Nitride Heat Sink Grease

Ultra-high efficiency, thermally conductive grease

CW7250 3.4 g / 0.12 oz
CW7250KG 1 kg / 2.2 lb



- Provides maximum thermal conductivity with superior dielectric properties
- Silicone free compound will not harden or dry out
- Electrically insulative; noncorrosive and nonflammable
- Thermal conductivity 1.85 W/m²K
- Thermally stable from -99.4°F/-73°C to 392°F/200°C
- Exceeds MIL-C-47113 for Thermal Conductivity

CircuitWorks® Silicone Free Heat Sink Grease

Non-contaminating silicone free heat-sink grease

CW7270 8 g / 0.28 oz



- Silicone free compound will not harden or dry out
- Excellent thermal conductivity and dielectric properties
- Non-corrosive
- Thermal conductivity 0.71 W/m²K
- Thermally stable from -99°F/-73°C to 603°F/317°C
- Exceeds MIL-C-47113 for thermal conductivity

CircuitWorks® Heat Sink Grease

Silicone compound for heat transfer away from electronics and electrical components

CT40-5 142 g / 5 oz



- Excellent thermal and dielectric properties
- Will not dry out, harden, or melt
- Noncorrosive and nonflammable
- Thermal conductivity 0.63 W/m²K
- Thermally stable from -99°F/-73°C to 603°F/317°C

Avionics Maintenance & Repair



CircuitWorks® Silver Conductive Grease

Grease for superior electrical and thermal conductivity, lubrication and protection

- Fills connector gaps to maximize electrical and thermal conductivity
- Protects against moisture and corrosion
- Thermally stable from -70°F/-57°C to 485°F/252°C
- Conductive lubricant containing pure silver
- Controls static discharge
- Grounds circuits

CW7100 6.5 g / 0.23 oz
CW7100KG 1 KG / 35.27 oz



CircuitWorks® The Mighty Pen®

Powerful universal cleaning pen

- Outstanding cleaning ability
- Marker dispenser provides controlled and exact application
- Mild citrus aroma
- U.S. Patent 6,677,291 and 6,677,292, and foreign patents

Applications:

- General purpose cleaning and refurbishing of equipment
- Removes ink stains, label adhesives, and difficult to remove soils

CW3700 11 g / 0.39 oz



Conductive Epoxies

Conductive Epoxy Applications:

- Repair traces and temperature sensitive circuits
- Make high-strength solderless conductive connections
- Die attachment
- Thermal dissipation
- Static discharge and grounding



CircuitWorks® Conductive Epoxy

Epoxy for precision repairs and high-strength conductive bonding

- Conductive silver epoxy provides excellent electrical conductivity
- High strength conductive bond with a five minute work time
- Repairs defective traces and creates jumpers on boards
- Quick solderless electronic connections

CW2400 Adhesive 7 g / 0.25 oz
 Hardener 7 g / 0.25 oz



CircuitWorks® 60 Minute Conductive Epoxy

Epoxy system with extended pot life for high strength conductive bonds

- Conductive silver epoxy provides excellent electrical conductivity
- Sixty minute work time provides a high strength conductive bond
- Extended pot life provides increased work time
- Repairs defective traces and creates jumpers on boards
- Quick solderless electronic connections

CW2460 Adhesive 10 g / 0.35 oz
 Hardener 10 g / 0.35 oz in jars



Techspray and Chemtronics offers a broad range of Avionics and Maintenance Repair products for

Components

Control Systems
 Communications Systems
 Display Screens

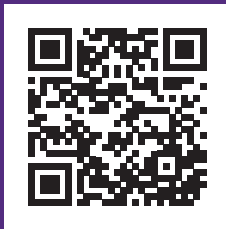
Cockpit

Instrumentation
 Communication Systems

Airframe and Structure

Interior and exterior Airframe

Landing Gears and Wheels



www.techspray.com

8125 Cobb Center Dr. Kennesaw, GA 30152

678-819-1408 | 800-858-4043

info@itwccce.com

www.chemtronics.com

8125 Cobb Center Dr. Kennesaw, GA USA 30152

770-424-4888 | 800-645-5244

info@itwccce.com