

ENSURING AIRCRAFT PERFORMANCE AND LONGEVITY

CORROSION INHIBITORS, LUBRICANTS,
SURFACE PREPS, CLEANERS & SPECIALTY PRODUCTS

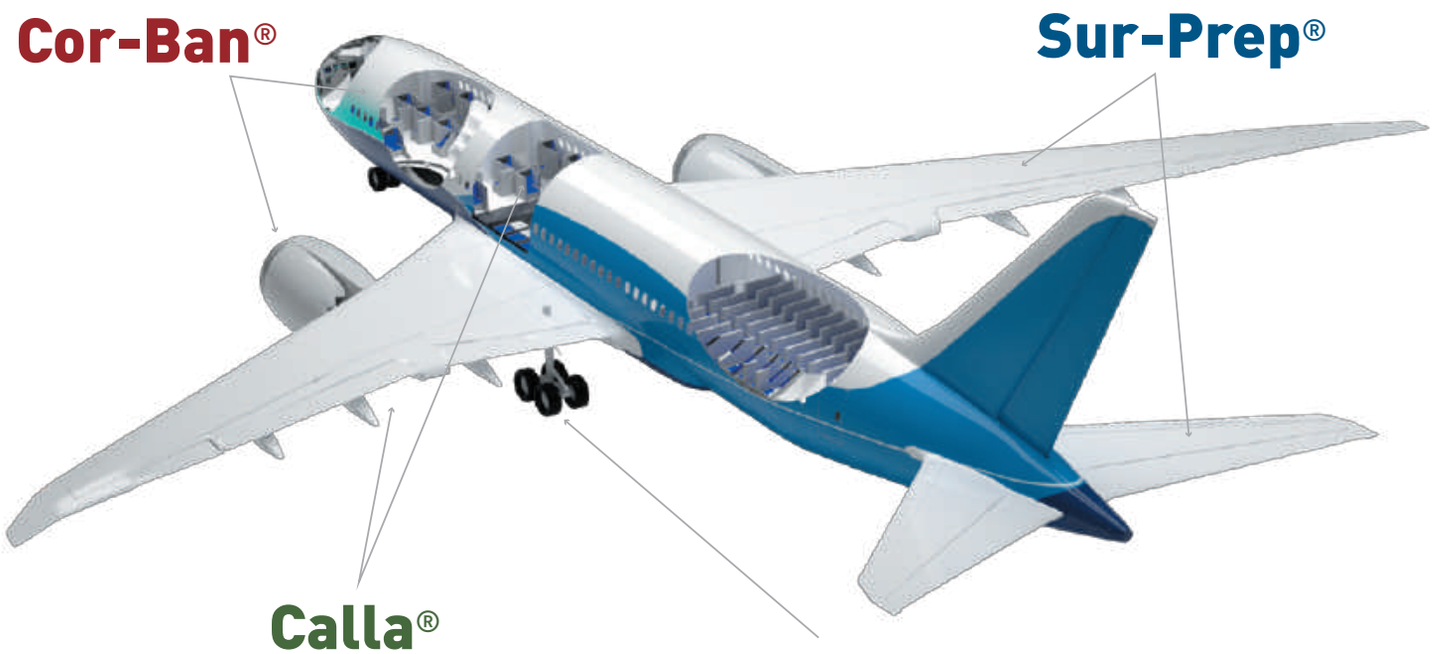
ZIP® CHEM

Corrosion inhibitors, Lubricants, Surface preps, Cleaners & Specialty products

« Zip-Chem's mission is to address the unique technological challenges of modern aviation with exacting chemical formulations supplied through innovative packaging and product delivery systems. »

Chuck Pottier, Zip-Chem's President

As a result, Zip-Chem's aviation products deliver superior performance while controlling costs, reducing waste and addressing environmental concerns.



MILITARY AND **COMMERCIAL** SPECIFICATIONS





Please refer to our website for latest qualifications - **www.zipchem.com**

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Cor-Ban®
corrosion inhibiting compounds

- ▶ A line formulated for the demanding specifications of aviation maintenance
- ▶ For use on large structural components, small parts, avionics and cables
- ▶ Formulations for heavy-duty use and long-term storage

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Sur-Prep®
surface preparation & avionics cleaners

- ▶ A line of avionics and general-purpose surface preparation cleaners
- ▶ Offer specific performance advantages in cleaning efficiency, flammability, VOC's and other related environmental concerns

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Aero-Lube™
lubricants & lubricating compounds

- ▶ A line of aircraft lubricants
- ▶ Includes multi purpose greases, silicones, Teflon®, molybdenum disulfide, and graphite lubricants
- ▶ Available for high temperature areas, applications requiring penetrating lubricants and prevention of ice build-up on rubber seals

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Calla®
aircraft cleaners & disinfectants

- ▶ A line of aircraft cleaners and disinfectants for interior and exterior cleaning
- ▶ Includes large surface cleaners for the exterior of the aircraft, parts cleaners, glass cleaners, degreasers, dry wash, polishing products, disinfectants, odor neutralizers and **US EPA Safer Choice** approved cleaners

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Aircraft Specialty Products

- ▶ A line of products formulated for specific aircraft applications
- ▶ Heat transfer fluids and high temps products

For more information contact us : **zipchem@addevmaterials.com**

Cor-Ban® corrosion inhibiting compounds

Structural Corrosion Inhibitors

Cor-Ban® 35

NSN: 6850-01-492-2932, 8030-01-531-7358 (Aerosols), 8030-01-615-4740 (Gallons), 8030-01-659-2958 (1 Gallon), 8030-01-531-7360 (5 Gallons), 8030-01-615-4737 (Quart), 8030-01-615-4733 (8 oz Brush In Cap), 8030-01-531-7358

A long lasting, high solids CIC

FOR AIRCRAFT SUBSTRATES

- high penetration capability
- water displacing
- dries in less than one hour

Applications: stringers, profiles, ribs, cavities, seat rails, longerons, wide and narrow box sections, broad surface cargo holds, lavatories and galley subsections

SPECS:

Airbus CML: AIMS 09-08-003 / AIMS 09-08-002 Ty II Gr 2
Boeing QPL: BMS 3-35
Boeing: DMS 2150
Embraer: 51-61-00 Ty I & Ty II and MEP 10-063
ATR 42 / ATR 72 SRM
Bombardier: BAMS 565-06 Type I and Type II
BAE: AVP 2-022
Cessna CSNP038: Ty IVA/Class 2
Mil-DTL-85054
Dassault: DGQT 1.7.0.0103
Gulfstream: GAC115AD
Sikorsky: SS8536
Sukhoi: RRJ0000-RE-811-2559
de Havilland: DHMS C 4.12
Viking: VMS C4.12

Cor-Ban® 23

NSN: 8030-01-531-7361, 8030-01-531-7362

A super penetrating and water displacing CIC

FOR AIRCRAFT SUBSTRATES

- thin film build
- high solids formulation
- tack free in one hour

Applications: stringers, profiles, ribs, cavities, seat rails, longerons, wide and narrow box sections, broad surface cargo holds, lav and galley subsections

SPECS:

BMS 3-23 Ty II Class 2 Grade A & B
BAMS 565-006 Ty V
DHMS C4.12 Ty II Gr 3 & 4
MEP 10-063.
Airbus: CML 15-006
AIMS 09-08-001 Type I Grade 3

Cor-Ban® 27L

NSN: 6850-01-469-7645, 6850-01-531-7357, 8030-01-531-7355

A non-drying CIC, effective in a wide range of temperatures

FOR STATIC JOINTS, SUBSTRATES

- develops a thixotropic buff colored film
- UV-resistant in highly corrosive environments
- free of chromates

Applications: floor beams, antenna, seat tracks, lavatory and the galley

SPECS:

Airbus CML 05-133
BMS 3-38B
CSNP038 Ty X
DPM 6498
Embraer: E9447580
GMS 4109 Rev C
HMS 20-1267/2372
LGQP 5010E TY V
MEP-QPL-09-075
SS 8689 REV 6 (-002)
T.O. 4S1-108-1
T.O. 4S1-182
T.O. 4W-1-61

Cor-Ban® 22

NSN: 8030-01-531-7352, 8030-01-523-4290

A maximum penetrating, heavy duty and self-healing film

FOR DISSIMILAR METALS

- displaces moisture
- neutralizes existing corrosion
- prevents further and fretting corrosion

Applications: cables, pulleys

SPECS:

BMS 3-23
T.O. 1C-5A-23 and TO: 1C-130A-23

D-5035 NS

NSN: 8030-01-686-7249

A heat resistant corrosion preventive

FOR HIGH TEMPERATURE AREAS

- continuous temperatures up to 350°F (177°C)
- short-term exposure up to 430°F (221°C)
- excellent moisture displacing qualities
- adhesion capabilities
- high metal wetting and acid neutralization features

Applications: cables, pulleys

SPECS:

Boeing QPL: DPM 5217



Bulk / Aerosol

Avionic Corrosion Inhibitors

D-5015 NS

A light lubricant

FOR AVIONICS, ELECTRONICS

- forms a soft, ultra thin protective film
- prevent corrosion
- disperse water

Applications: for short-term use on critical metal surfaces in avionics, electrical and electronic components.

SPECS:

Lockheed EMAP G39.032 (Aerosol)

Mil-PRF-81309H Type III Class 2 Grade B: C02 (Aerosol)

Mil-PRF-81309H Type III Class 1 (Bulk)

Sikorsky SS8536

D-5026 NS

NSN: 8030-01-603-2129 type III (Aerosol), 8030-01-347-0978 (Bulk), 8030-01-572-8734 8030-00-262-7358 (Bulk)

A light lubricant

FOR AVIONICS, CABLES

- D-5026 NS is a concentrated version of D-5015 NS
- prevent corrosion
- water dispersant for large surfaces
- lubricating characteristics

Applications: Under Applications, add long-term use on critical metal surfaces in avionics, electrical and electronic components

SPECS:

Boeing Alert Service Bulletin 737-24A1148 (Aerosol & Bulk), AD 2002-16-03 (Aerosol & Bulk)

DPM-5707-1 (Aerosol & Bulk)

EMBRAER E 6125-209 (Aerosol & Bulk)

QPL MIL-PRF-81309H Type II & III Class 1 (Bulk) & Class 2, Grade C02 (Aerosol)

QPL MIL-PRF-81309H Type II & III Class 1 (Bulk) & Class 2, Grade C02 (Aerosol)



Corrosion Inhibitors for parts storage

D-5010 NS

A powerful penetrating oil and corrosion inhibitor

FOR SMALL PARTS

- dissolves rust
- disperses water
- leaves a thin protective film that resists corrosion from light acids and alkali solutions
- does not harm paints, plastics, rubber or plated surfaces

Applications: small parts, in engine repair and to protect tools and equipment

SPECS:

MIL-C-23411-Ships (Aerosol & Bulk)

A-A-50493 (Aerosol & Bulk)

Solar Turbine ES9-249 (Aerosol & Bulk)

D-5082 NS

A long-lasting corrosion preventative

FOR CABLES

- self-healing
- features a flexible petroleum base
- easily removed with common solvents
- parts will stand up to outdoor exposure for two years

Applications: for aircraft cables, out-of-service aircrafts and HMCs

SPECS:

OIL 4501-11SC (Aerosol & Bulk)

D-5067 NS

A self-healing corrosion shield

FOR CORROSION PROTECTION

- protects parts subject to handling and storage
- high humidity resistance
- high chemical fumes resistance

Applications: cables, tools, sheets, rod & bar stock

SPECS:

MD-10-10 (Aerosol & Bulk)

QPL 20-60-04-2 (Aerosol & Bulk)

Other Cor-Ban® Products

D-5030 NS

A corrosion preventive coating

FOR ALL METALLIC SURFACES

- a long term barrier against corrosion on steel, aluminum, copper, zinc, galvanized steel, and all metallic surfaces
- excellent moisture displacing
- very good adhesion features

Applications: aircraft, cables, parts, and tools

For more information contact us : **zipchem@addevmaterials.com**

Sur-Prep® surface preparation & avionics cleaners

Surface Preparation

Sur-Prep® AP1 KIT

NSN: 8010-01-600-2254, 8010-01-646-1109

A paint adhesion promoter

FOR EXTERIOR AIRCRAFT SURFACES

- ▶ improve adhesion
- ▶ chemical reactivation of aircraft topcoats
- ▶ no need to "scuff" the paint surface

Applications: for paint surfaces reactivation, adhesion increase between basecoat and clearcoat coatings, on radome polyurethane boots prior to topcoat application

SPECS:

Boeing: D6-1816 Process Document for Decorative Finishing of Airplane Exteriors | Boeing: BMS 10-127 "Chemical Reactivator for Paint Applications" | BAC 5308 Application of Stencils and Insignia Markings.

Sur-Prep® AR-58

A solvent blend adhesive remover

FOR VARIOUS SUBSTRATES

- ▶ dries completely
- ▶ can be used on paper and porous surfaces
- ▶ penetrates various adhesives
- ▶ does not leave a residue

Applications: removing adhesives from interior honeycomb and other surfaces

Sur-Prep® 5606

An hydraulic fluid-based cleaner

FOR LANDING GEAR

- ▶ aerosolized Mil-PRF-5606 hydraulic fluid
- ▶ can be sprayed on to an approved wiper material
- ▶ compatible with the various elastomers and substrates of the landing gear assembly

Applications: to remove the landing gear contaminants during maintenance, assembly, and overhaul

SPECS:

Airbus: AMS approved towelettes | Mil-PRF-5606

Sur-Prep® 3500-1 KIT

A non-decorative interior structure surface prep kit

FOR INTERIOR STRUCTURES

Kit contains:

- ▶ 1) alkaline cleaning solution pad
- ▶ 2) deionized water wipe and dry towel
- ▶ 3) Citra-safe® deodorized wipe and dry towel
- ▶ 4) conversion coating material wipe
- ▶ 5) deionized water wipe and dry towel

Applications: prepare the interior structure, fuel tank structure, and wing structure surfaces for painting and sealing

Sur-Prep® 5604

A dust removal

FOR PRECISION INSTRUMENT

- ▶ highly filtered stream of dry air
- ▶ pressurized to 120 PSI
- ▶ moisture low aerosol
- ▶ truly clean contacts and assembly

Applications: dust and other contaminants removal from precision parts and instruments

SPECS:

Air Standard 700-83 | A-A-58060 | DPM 5148

Sur-Prep® 3500-2 KIT

An exterior fuselage structure surface prep kit

FOR EXTERIOR FUSELAGE AREAS

Kit contains:

- ▶ 1) alkaline cleaning solution pad
- ▶ 2) deionized water wipe and dry towel
- ▶ 3) Citra-safe® deodorized wipe and dry towel
- ▶ 4) conversion coating material
- ▶ 5) deionized water wipe and dry towel

Applications: general cleaning of hermetic connectors, PC boards and other parts







Bulk / Aerosol / Wipe / KIT





For more information contact us : **zipchem@addevmaterials.com**

Sur-Prep® surface preparation & avionics cleaners

Cleaner & Degreasers

Sur-Prep® 3167

A CIC remover, degreaser, and cleaner

FOR AVIATION SOILS AND SURFACES

- ▶ removes aged or multi-layered CIC's
- ▶ removes soil and greases
- ▶ cleans critical surfaces prior to paint and bonding
- ▶ broad solvency range

Applications: removal of CIC's, for preparing critical surface areas for inspection as well as for painting and bonding

SPECS:

Airbus: AIMS 09-00-002 | Boeing: D6-17487

Sur-Prep® SB642

A ready-to-use, all-in-one cleaner, degreaser, and polish protectant

FOR PAINTED AND UNPAINTED AIRCRAFT SUBSTRATES

- ▶ can be applied in all types of weather
- ▶ non-abrasive
- ▶ silicone free

Applications: for use on all types of finishes

SPECS:

Airbus: AIMS 09-00-002, AMS 1550B, AMS 1526C, and AMS 1650C | Boeing: D6-17487 and CSD No. 1

Sur-Prep® 5677

NSN: 6850-01-684-6911

A fast evaporating solvent blend degreaser and cleaner

FOR AIRCRAFT SUBSTRATES

- ▶ works on oil and oil-bonded contaminants
- ▶ enhances coatings and sealants adhesion
- ▶ fast drying
- ▶ broad solvency range
- ▶ safe on plastics

Applications: to prepare critical surface areas prior to painting or bonding as well as electrical contacts

SPECS:

Airbus AIMS 09-00-002, AMS 3167

Boeing: D6-17487 and CSD No. 1

Sur-Prep® 3160

NSN: 6850-01-633-9843

An hydrocarbon solvent blend cleaner

FOR AIRCRAFT SUBSTRATES

- ▶ works on oil and oil-bonded contaminants
- ▶ enhances coatings and sealants adhesion
- ▶ fast drying
- ▶ broad solvency range

Applications: to prepare critical surface areas prior to painting or bonding as well as electrical contacts

SPECS:

A-A-2904 | 1-84-18-08-10

AMS 3160 | Mil-PRF-680 Ty II

Bombardier CPM PSM

D-5640 NS

NSN: 8030-01-597-6958

A general-purpose precision cleaner

FOR AIRCRAFT SUBSTRATES

- ▶ free of materials on the EPA list of toxic/hazardous substances
- ▶ free of CFCs
- ▶ biodegradable
- ▶ leaves no residue

Applications: removal of CICs, cleaning before painting, equipment degreasing and parts washing also used in pressure cleaning and handwipe applications

SPECS:

Boeing: D6-17487 Rev. L (Aerosol & Bulk), CSD-1 (Aerosol & Bulk)

D-5600 NS

A surface prep and mechanical parts cleaner

FOR MECHANICAL & ELECTRICAL COMPONENTS

- ▶ safe for use on metals, painted surfaces, ceramics, fiberglass, and many plastics
- ▶ biodegradable solvent containing Citra Safe®

Applications: to prepare critical surface areas prior to painting or bonding as well as electrical contacts

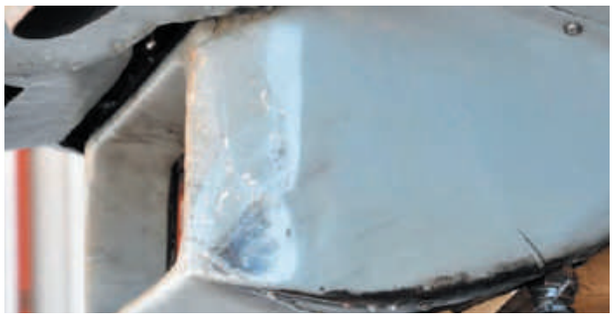
SPECS:

Boeing: BAC 5504, BAC 5000, and BAC 5750.









Bulk / Aerosol / Wipe

Contact cleaners

Sur-Prep® 5673

NSN: 7510-00-616-9588

A contact cleaner and defluxer

FOR AVIONICS

- non-ozone depleting
- cleans resin solder flux residues
- non-flammable
- ideal for use as a defluxer

Applications: avionics repair, energized circuits, check compatibility on certain rubber and plastic substrates

SPECS:

Boeing: D6-17487 for solvent cleaners

D-5665 NS

A safe and effective cleaning agent

FOR AVIONICS

- non-ozone depleting
- non-flammable
- plastic friendly

Applications: for activated circuits and electrical components where flushing and fast drying are essential

SPECS:

BAC 5750 (Aerosol & Bulk) | Mil-STD-1330 (Aerosol)
BAC 5402 (Aerosol & Bulk) | Mil-Std-1330D (Bulk)

Sur-Prep® 123

NSN: 6850-01-671-8497

A precision contact cleaner

FOR OXYGEN SYSTEM

- is the preferred solvent for cleaning LOX systems
- non-flammable
- non-injurious to metal, paint and plastics
- evaporates quickly without residue

Applications: precision cleaning, drying of high sensitivity parts, and cleaning of oxygen systems

SPECS:

NASA/TP-2015-218207 | T.O. 15X-1-1



Sur-Prep® 5602

An electro-freeze

FOR ELECTRICAL AND AVIONICS CIRCUIT

- will reduce surface temperatures to -50°F
- prevent heat transfer during soldering

Applications: locate defective components in electrical and avionics circuitry

- non-flammable
- ozone safe

SPECS:

Air Standard 700-83 | UAL GAS 3001-SC
DPM 6372 | A-A-58060

D-5695 NS

An economical contact cleaner

FOR ELECTRICAL CONNECTORS

- precise application
- uncontaminated and ultra-filtered stream of methanol

Applications: general cleaning of hermetic connectors, PC boards and other parts

For more information contact us : **zipchem@addevmaterials.com**

Aero-Lube™ lubricants & lubricating compounds

Lubricants

D-5100 NS

NSN: 9150-00-269-8249

A pure silicone lubricant

FOR METALS AND PLASTICS

- ▶ prevents freezing
- ▶ suitable for door locks and rubber weatherstripping
- ▶ operates in a temperature range of -60 to 600˚F

Applications: used to reduce friction between dissimilar metals, plastics and plastic/metal combinations

SPECS:

VV-D-1078

D-5261 NS

NSN: 9150-00-269-8249

A highly penetrating cleaning lubricant and solvent

FOR CABLES, FLIGHT CONTROLS, HINGES AND JOINTS

- ▶ penetrate to the heart strand of tight parts
- ▶ excellent short-term corrosion protection

Applications: flight control, engine and landing gear cables; pressure seals; hinges, joints and pulleys

SPECS:

MIL-PRF-7870D (Aerosol & Bulk)
MIL-PRF-7870 (Aerosol & Bulk)
UAL OIL 4501-10SC (Bulk)

D-5480 NS

A graphite dry film lubricant

FOR HIGH TEMPERATURE LUBRICATION

- ▶ contains no grease, wax or silicone
- ▶ dry film lubricant stable at temperatures of up to 400˚F
- ▶ fine particulate size graphite

Applications: small, precision parts

SPECS:

LUB 4500-35C (Aerosol & Bulk) | ASTM F 945 (Aerosol & Bulk)

D-5440 NS

NSN: 9150-00-989-2021 (Aerosol)

A Teflon ™ dry film lubricant

FOR LUBRICATION OF TRACKS

- ▶ withstand temperatures from the cryogenic range to over 500˚F
- ▶ excellent anti-stick properties
- ▶ does not stain or rust
- ▶ is chemically inert

Applications: slat, flap track and hinges lubrication and corrosion protection

SPECS:

DPM-3494- Release Agent (Aerosol)
SCE 898-13117 (Aerosol)
UAL LUB 4500-1750 (Aerosol)
T.O. 1C-130H-2-12JG-20-1 (Aerosol)
T.O. 1C-130J-2-12JG-20-1 (Aerosol)



Lubes

D-5263 NS

NATO Code: O-190 (Aerosol & Bulk), 9150-01-660-6782 (Aerosol)

A special blend of oils for cables cleaning and lubricating

FOR CABLES

- ▶ excellent water dispersing qualities
- ▶ good rust preventative properties

Applications: precision machined parts, pylon bearings before relubrication and cargo door lubrication

SPECS:

LUB 4500-35C (Aerosol & Bulk) | ASTM F 945 (Aerosol & Bulk)

D-5460 NS

NSN: 9150-01-057-2576 (Aerosol)

A moly dry lube

FOR ENGINES AND HIGH TEMP AREAS

- ▶ non-flammable,
- ▶ excellent high temperature stability (to 660˚F)
- ▶ strong adhesion qualities
- ▶ dries fast

Applications: engines, fan rotor assemblies and fan reverser pre-cool duct seals

SPECS:

GE DFO-A50TF192-6, 192-58 (Aerosol & Bulk) | UAL#: LUB 4500-12SC (Aerosol & Bulk)



Greases

D-5933 NS

An aerosolized grease (Aeroshell® 33)

FOR MULTI -PURPOSE

- precise product application
- non-flammable
- excellent corrosion inhibiting qualities
- oxidation resistant properties
- highly resistant to rubbing and wiping

Applications: general airframe lubricant

SPECS:

Boeing QPL: BMS 3-33 Type 2

D-5920 NS

NSN: 9150-01-163-0942

A silicone-based grease

FOR ICE RELEASE, RUBBER, INSULATION, SEALS

- excellent water dispersing qualities
- good ice release and prevention properties on rubber and door seals

Applications: precision machined parts, pylon bearings before relubrication and cargo door lubrication

SPECS:

United Airlines AGE-3020-SC (Aerosol)

For more information contact us : **zipchem@addevmaterials.com**

Calla® aircrafts cleaners & disinfectants

Exterior Cleaning Compounds

Calla® 301A

An environmentaly friendly degreaser and cleaner

FOR LARGE SURFACE AREAS

- ▶ approved by the US EPA Safer Choice program
- ▶ biodegradable
- ▶ will not harm metals
- ▶ leaves no residue

Applications: for heavy duty equipment cleaning of aircraft

SPECS:

Airbus: AMS 1526-C, AMS 1550-B | Boeing D6-17487 REV P and CSD-1

CallaSolve™ 120

A water dilutable cleaner

FOR HEAVY DUTY EQUIPMENT

- ▶ terpene-based emulsion cleaner

Applications: for heavy duty equipment cleaning of aircraft, ground equipment and AGE engines

SPECS:

MIL-PRF-87937D Type 1 | T.O. 1-1-691
DPM 5278-1 | T. O. 1C-135(k)A-3-4

Calla® 800 (Military)

A heavy duty cleaner and degreaser

FOR EXTERIOR

- ▶ meet military specifications
- ▶ effective in a wide range of concentrations
- ▶ fully biodegradable

Applications: for exterior fuselage, exterior blast areas, landing gear & wheel wells

SPECS:

MIL-PRF-87937D Type II | QPL-87937-10

Calla® 804

NSN: 6850-01-583-3031

A degreaser and cleaner

FOR EXTERIOR AIRCRAFT EQUIPMENTS

- ▶ meets military specification
- ▶ effective cleaning capability
- ▶ low toxicity in a neutral pH
- ▶ biodegradable formulation
- ▶ no flash point

Applications: for full aircraft wash, ground equipment, AGE engines and for interior spot cleaning on heavy deposits

SPECS:

MIL-PRF-87937D Type IV

AN-2001P

A dry wash and polish

FOR EXTERIOR PAINTED SURFACES

- ▶ cleans and protects painted surfaces
- ▶ includes UV absorbers

Applications: all painted surfaces and metals of aircraft

SPECS:

Airbus: AMS 1650 B Types 1 and 2 | Boeing CSD-1, D6-17487



Bulk / Aerosol / Spray bottle



Zip-Strip™ 125 M

A water rinseable CIC remover

FOR EXTERIOR AIRCRAFT SURFACES

- ▶ removal of wet, waxy and/or dry film CICs
- ▶ rinsable with water
- ▶ very effective even after short dwell time

Applications: removal of CIC and cleaning of surfaces prior to inspection and CIC application effective against MoS2 grease, hydraulic fluid, wax and carbon deposits

SPECS:

Airbus: AIMS 09-00-002 | Boeing: D6-17487

Calla® 8050

A non-solvent gel cleaner

FOR WHEEL WELLS AND FLAP WELLS

- ▶ thicker version of Calla 805
- ▶ environmentally safe
- ▶ non-solvent alkaline cleaner
- ▶ for use on all aircraft substrates and coatings

Applications: for wheel wells and landing gear

SPECS:

Airbus: AMS 1533 | Boeing: CSD-1

Jet Brite™ 550

A dry wash and polish paste

FOR EXTERIOR ALUMINUM & PAINTED SURFACES

- ▶ removes oxidation
- ▶ brighten painted surfaces

includes UV absorbers

Applications: all painted surfaces and bare metals of aircrafts

SPECS:

Airbus: AMS 1650B Type 2 Paste

Boeing: CSD-1, D6-17487 Rev. L

Calla® 500

A highly concentrated and versatile alkaline water base cleaner

FOR EXTERIOR AIRCRAFT SURFACES

- ▶ safe on aluminum alloys, magnesium alloys and cadmium plated steel
- ▶ no attack on plastics

Applications: removal of exhaust stains and general aircraft cleaning

SPECS:

Airbus: AMS-1526-B | Mil-C-25769G

Boeing: D6-17487 and CSD-1

Calla® 805

An aircraft exterior cleaner

FOR EXTERIOR AIRCRAFT SURFACES

- ▶ excellent general aircraft cleaning properties
- ▶ environmentally safe
- ▶ non-solvent alkaline cleaner
- ▶ for use on all aircraft substrates and coatings

Applications: to clean the soils and contaminants found on the exterior of aircrafts

SPECS:

Airbus: AMS 1533 | Boeing: CSD-1



For more information contact us : **zipchem@addevmaterials.com**



Interior Cleaners

X-405

NSN: 6850-01-624-1757, 6850-01-627-5474 (EFIS)

A water based cleaner

FOR GLASSES & TRANSPARENCIES

- water-based & biodegradable
- non-toxic
- non-flammable

Applications: for use on aircraft windows, plastic transparencies, and «EFIS» Electronic Flight Instrument Systems

SPECS:

Airbus: AMS 1534 Ty I | Boeing: D6-17487 and CSD-1

TO: 1C-130A-23

X-410 Q

An environmentaly friendly cleaner concentrate

FOR CABIN INTERIOR SURFACES

- water-based & biodegradable
- safe on all structural metal
- safe on all quality paints, primers and acrylic plastics

Applications: cabin interior surfaces, such as tray tables and overhead compartments

SPECS:

Airbus: AMS 1550B | Boeing: D6-17487 and CSD-1

Calla® 301A Lemon

An environmentaly friendly heavy duty cleaner

FOR LARGE INTERIOR SURFACE AREAS

- has clean lemon fragrance
- non-flammable
- safe on metals
- leaves no residue

Applications: for all purpose and heavy duty

SPECS:

Airbus: AMS 1526-C, AMS 1550-B

Boeing: D6-17487 and CSD-1

Speciality Cleaners

X-200

A gum remover

FOR SOFT SURFACES

- removes gum
- leaves no residue
- citrus odor

Applications: remove chewing gum from soft surfaces, such as carpets

SPECS:

Airbus: Flame Retardent AMS 1630A | Boeing: D6-17487 and CSD-1

AN-300 D

A deodorant

FOR TOILETS

- non-formalin based
- non-toxic toilet deodorant
- dark blue liquid with a cherry odor

Applications: use on toilet tanks and other lavatory equipment

SPECS:

Airbus: AMS 1476 A

Calla® aircrafts cleaners & disinfectants

Disinfectants

our solutions to fight Covid-19



AeroDis® 7127

NSN: 6840-01-686-9908 (wipes), 6840-01-686-9917

A ready-to-use disinfectant

FOR HARD SURFACES ON AIRCRAFT

- ▶ classified as a Toxicity Category IV (EPA's lowest concern level for acute toxicity)
- ▶ does not stain aircraft interiors

Applications: lavatories, doors/side, panels galleys, arm rests, tray tables, storage bins, transparencies, cockpit/crew areas

SPECS:

Airbus: AMS 1452 and 15503-1 | Boeing D6-7127

Calla® 1452 & Calla® 1452 Ready-To-Use

NSN: 6840-01-561-3126 (Quart Bottles), 6840-01-600-4177 (5 Gallon Pail), 6840-01-687-1371 (cartridge)

A general-purpose cleaner, disinfectant and deodorizer (available RTU)

FOR HARD & NON-POROUS SURFACES

- ▶ excellent cleaning, deodorizing, and disinfection properties
- ▶ has the emerging viral pathogens and human coronavirus claim
- ▶ does not stain aircraft interiors and plastics

Applications: lavatories, doors/side, panels galleys, arm rests, tray tables, storage bins, transparencies, cockpit/crew areas

SPECS:

Airbus: AMS 1452, 1453, 1530B and 1550B | NAVAIR: 01-1A-509-2

Boeing D6-7127 and D6-17487 | T.O.: 1-1-691, 1C-130A-23, and 1C-5A- 23-1



Part Washer Cleaners Products

Calla® 602 LF

NSN 6850-01-513-5230 (1 gallon), 6850-01-513-5237 (5 gallons), 850-01-513-5233 (55 gallons)

A non-emulsion type cleaner

FOR AQUEOUS PARTS

- ▶ helps to control the foam produced in parts washers
- ▶ effective at 5% dilution with water
- ▶ low foaming at temperatures as low as 130°F low VOC formulation

Applications: for heavy duty cleaning and degreasing compound for aqueous parts cabinets

SPECS:

Source Control Drawing 9825019-17, -19, & -21 Rev. C for T.O's 4W-1-161, 4B-1-32, 4S-1-182

Mil-C-29602 except Section 3.7 (pH)

Calla® 602 LF Defoamer

NSN: 6850-01-621-2027

A concentrate of the defoamers used in Calla® 602LF

FOR AQUEOUS PARTS

- ▶ helps to control the foam produced in parts washers
- ▶ to be used in conjunction with Calla® 602LF

Applications: for heavy duty cleaning and degreasing compound for aqueous parts cabinets

For more information contact us : **zipchem@addevmaterials.com**

Aircraft Specialty Products

Heat Transfer Products

Accu-Cool® HTF 350

A heat transfer fluid

FOR USE ON AIRBUS A350 AIRCRAFT

- ▶ no flash point
- ▶ fluoresces a blue color when radiated with UV light
- ▶ nontoxic and not harmful

Applications: for the Supplemental Cooling System (SCS)

SPECS:

Airbus: AIMS 09-11-002

Accu-Cool® 342

A heat transfer fluid

FOR USE ON BOEING 787 AIRCRAFT

- ▶ no flash point
- ▶ possibility of incidental food contact

Applications: for the Integrated Cooling System (ICS), Power Electronic Cooling System (PECS), and the optional Forward Cargo Air Conditioning System (FCAC)

SPECS:

Boeing: BMS 3-42

Accu-Cool® AP280 KIT

A silicone heat sink compound

FOR HEATER ELEMENTS

- ▶ a kit of uncatalyzed silicone resin with a select grade of aluminum powder
- ▶ maintains an excellent bond even with vibration of the part
- ▶ resistance and flexibility over a very broad temperature range

Applications: for use when changing the static port heater element on the DC-9 and MD80 powerplants

SPECS:

DPM 5979 qualified





Bend it, shape it Formit™ solution

Formit™ 18 aerosol extension wand kits have been developed to apply aircraft maintenance products in difficult to reach areas

- FORMIT™ 18-FAN
  NSN: 4730-01-612-9914
  NSN: 4730-01661-8773
- FORMIT™ 18-180
- FORMIT™ 18-360
  NSN: 6850-01-492-2942
- FORMIT™ 18-90-FOG
  NSN: 6850-01-517-0963
- FORMIT™ 48-FAN
  NSN: 4730-01-632-0157
- FORMIT™ 48-360
  NSN: 4730-01-659-5461

- Specifically designed to fit all Zip-Chem® aerosols
- A Formit™ kit includes an 18"plastic tube with a companion 12"aluminum sleeve and a pre-assembled female actuator
- The kit can be formed into a variety of angles that allow access to cramped or recessed areas
- Four nozzle variations include the 18-Fan for a full fan, forward projection spray; the 18-180 for a fan spray of 180 degrees, the 18-360 for a full circle, 360 degree fan spray, and the 18-90-FOG for fogging application

Please refer to our website for latest qualifications



For more information contact us : **zipchem@addevmaterials.com**

INTERNATIONAL PRESENCE

The ADDEV Materials Group:
Being international while providing local service



Our locations are settled in the heart of the aeronautical industrial areas in North America, Europe and Asia to assist you in carrying all your projects.

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