

Aerospace and Defense Approvals and Conformance Testing

by Vantage Performance Materials®



Table of Contents

Coating & Paint Removers 2

B&B™ 9095 Aircraft Paint Remover	2
APR™ 2195 Aircraft Paint Remover	2
B&B™ 3095 Aircraft Paint Remover	2
APR™ 2260 Aircraft Paint Remover	2
B&B™ 5151-B Polysulfide Remover	3
B&B™ 5151-M Polysulfide Remover	3
B&B™ 9201 Immersion Paint Remover	3
iTPC™ 37 Temporary Protective Coating	3
BTR™-130 Belly Tape Remover	3

Aircraft Cleaners & Surface Treatments 3

iSAP™ 311 Inhibited Surface Adhesion Promoter	3
B&B™ PCR-1640 Acid Etch for Aircraft Exteriors	3
B&B™ JET-7 Aqueous Cleaner for Aircraft Exteriors	3
B&B™ RE-GEL Aqueous Cleaner for Aircraft Exteriors	3
B&B™ 8525 Aqueous Cleaner for Aircraft Exteriors	4
B&B™ 1995 Aqueous Cleaner for Aircraft Exteriors	4
B&B™ JET-22C Aqueous Cleaner for Aircraft Exteriors	4
B&B™ 1986S Aqueous Cleaner for Aircraft Exteriors	4
B&B™ 1200 MAE Aqueous Cleaner for Aircraft Exteriors	4
B&B™ 786 RE Aqueous Cleaner for Aircraft Exteriors & Interiors	4
B&B™ 786 REA Aqueous Cleaner for Aircraft Exteriors	4
B&B™ Contact E Rubberized Spot Cleaner for Aircraft Exteriors	4
B&B™ Contact E Rubberized Spot Cleaner for Aircraft Exteriors	4
B&B™ Contact X Abrasive Spot Cleaner for Aircraft Thrust Stains	4
B&B™ Contact XL Cleaner & Polish for Aircraft Exteriors	4
BIOACT™ 108 Solvent Cleaner for Aircraft Exteriors	5
BIOACT™ 145 Solvent Cleaner for Aircraft Exteriors	5
B&B™ 729 Aqueous Cleaner for Aircraft Interiors	5
B&B™ Sparkle A Windshield Glass & Acrylics Cleaner	5
B&B™ Odor Out Deodorizer for Aircraft Interiors	5
RE-ENTRY™ Prepsolv Solvent Cleaner for Removing Adhesives	5

Solutions For Manual Cleaning 5

BIOACT™ 105 Solvent Cleaner	5
BIOACT™ 108 Solvent Cleaner	6
AXAREL™ 1000 Solvent Cleaner	6
AXAREL™ 2000 Solvent Cleaner	7
AXAREL™ 4000 Solvent Cleaner	7
RE-ENTRY™ Prepsolv Solvent Cleaner	7
AXAREL™ 4100 Solvent Cleaner	7
AXAREL™ 6100 Solvent Cleaner	7

Solutions for Cleaning Components & Assemblies 8

CleanSafe™ 787C Aqueous Cleaner	8
CleanSafe™ 686 Aqueous Cleaner	8
LENIUM™ HT Vapor Degreasing Solvent	8
LENIUM™ FS Vapor Degreasing Solvent	8
LENIUM™ GS Vapor Degreasing Solvent	9
BIOACT™ 280 Bio-based Solvent Cleaner	9
BIOACT™ 280E Bio-based cleaner for masking wax	9
AEROWAX™ MT Masking Wax	9
AXAREL™ 56 Solvent Cleaner	9
AXAREL™ 2000 Solvent Cleaner	10
AXAREL™ 2200 Solvent Cleaner	10
AXAREL™ PD-680-II Solvent Cleaner	10
AXAREL™ PD-680-III Solvent Cleaner	10
AXAREL™ 3000 Solvent Cleaner	10
AXAREL™ 4000 Solvent Cleaner	10
AXAREL™ 9100 Solvent Cleaner	11
AXAREL 52™ Solvent Cleaner	11

Solutions For Gas Path Engine Cleaning 11

B&B™ 3100 Solvent Cleaner for Gas Path Turbine Engines	11
B&B™ TC-100 Aqueous Cleaner for Gas Path Turbine Engines	11
B&B™ TC-100N-3 Aqueous Cleaner for Gas Path Turbine Engines	12
B&B™ TC-100N-3-RTU Aqueous Cleaner for Gas Path Turbine Engines	12

Solutions For Cleaning Avionics 12

AXAREL 32™ Solvent Cleaner	12
LENIUM™ ES Vapor Degreasing Solvent	12

Aerospace and Defense Approvals and Conformance Testing

by Vantage Performance Materials®



Coating & Paint Removers

B&B™ 9095 Aircraft Paint Remover

Approvals

U.S. Air Force TO 1-1-8 Application and Removal of Organic Coatings, Aerospace and Non-Aerospace Equipment

U.S. Air Force TO 1-1-24 Composite Coating Removal
Tinker Air Force Base, Purchase Description, (OC-ALC 2008-1) Paint Remover

MIL-PRF-32587 QPL, Type I, Remover, Paint, Hap-Free, Neutral, Serial Code 20-005

C-130 Local Engineering Specification

Boeing DPM 5549-1, Stripper, Neutral, Non-embrittling

Boeing BMS 10-144

Douglas DPS 9.316-3 Stripping of Organic Coatings

Lockheed Martin EMAP G32.2356

Lockheed Martin C-130 No Technical Objection

Royal Air Force (RAF) C-130 No Technical Objection

Piper Aircraft Company

Testing

Air Force Purchase Description Remover, Non-Chlorinated Solvent Type, For Difficult-To-Remove Finishes

Tinker Purchase Description #OC-ALC 2008-01, Paint Remover, Environmentally Acceptable, For Difficult-to-Remove Coatings

Tinker Purchase Description #OC-ALC 2008-01, Twelve Month Storage Stability Report (extended to 18 months)

TT-R-2918A (19-Mar-2001) Remover, Paint, No Hazardous Air Pollutants (HAPs) ASTM F 519, 200 hrs, 75% load

Boeing D6-17487 (BSS7432) Requirements for Paint Removers

Douglas CSD #1

National Stock Number

6850-01-584-9128, 6850-01-529-0306 (5 gallon),
6850-01-685-1741 (15 gallon), 6850-01-584-9124,
6850-01-529-0302 (50 gallon), 6850-01-584-9119,
6850-01-612-8184 (300 gallon)

APR™ 2195 Aircraft Paint Remover

Approvals

Tinker Air Force Base, Purchase Description, (OC-ALC 2008-1) Paint Remover

Testing

Tinker Purchase Description #OC-ALC 2008-01, Paint Remover, Environmentally Acceptable, For Difficult-to-Remove Coatings

B&B™ 3095 Aircraft Paint Remover

Approvals

United Airlines, Paint Remover for Epoxy and PU Paint, M&E 00-0609-3-9963, UA#STR3753-11-5

Embraer, MEP 21-016

Testing

Boeing D6-17487 (BSS7432) Requirements for Paint Removers

Douglas CSD #1 Type III Paint Remover

SAE MA4872A Paint Stripping of Commercial Aircraft

APR™ 2260 Aircraft Paint Remover

Testing

Boeing BSS7432 (D6-17487) Requirements for Paint Removers

Douglas CSD #1 Type III: Paint Remover

SAE MA4872A Paint Stripping of Commercial Aircraft



Back

Coating & Paint Removers (cont.)

B&B™ 5151-B Polysulfide Remover

Approvals

U.S. Air Force TO 1-1-8 Application and Removal of Organic Coatings, Aerospace and Non-Aerospace Equipment

Testing

Boeing BSS7432 (D6-17487) Requirements for Paint Removers

Douglas CSD #1

B&B™ 5151-M Polysulfide Remover

Approvals

TT-R-2918 Type II

B&B™ 9201 Immersion Paint Remover

Approvals

MIL-PRF-83936C Type I, Remover, Paint, Tank Type; for Aircraft Wheels, Landing Gear Components, and Other Aircraft and Support Equipment

National Stock Number

8010-01-374-4336, 8010-01-040-1059

iTPC™ 37 Temporary Protective Coating Remover

Approvals

AMS 7202 Type II, CL 1, Temporary Protective Coating/Remover

BTR™-130 Belly Tape Remover

Testing

Boeing BSS7432 (D6-17487) Requirements for Paint Removers

Douglas CSD #1

Aircraft Cleaners & Surface Treatments

iSAP™ 311 Inhibited Surface Adhesion Promoter

Testing

Boeing BSS7432 (D6-17487)

Douglas CSD #1

TO 1-1-8 Strippability

Outdoor Beach Corrosion Testing (3 Years)

ASTM F1110, ASTM F483, ASTM F519, ASTM F1111, ASTM F502, ASTM F485, ASTM F484, ASTM B117, ASTM D3359, ASTM D4541, ASTM D2244, ASTM D523, ASTM D522, ASTM D3363, ASTM D2247, ASTM G155

B&B™ PCR-1640 Acid Etch for Aircraft Exteriors

Testing

SAE AMS 1640 Corrosion Removing Compound, for Aircraft Surfaces

B&B™ JET-7 Aqueous Cleaner for Aircraft Exteriors

Approvals

MIL-PRF-87937 Type IV, Cleaning Compound, Aerospace Equipment

Testing

Airbus AIMS 09-00-002

Boeing D6-17487 (BSS7432)

National Stock Number

6850-01-433-0873, 6850-01-429-2371

B&B™ RE-GEL Aqueous Cleaner for Aircraft Exteriors

Approvals

MIL-PRF-87937 Type III, Cleaning Compound, Aerospace Equipment

NSN # 6850-01-390-9530, 6850-01-390-9453

Testing

Airbus AIMS 09-00-002

Boeing D6-17487 (BSS 7432)

National Stock Number

6850-01-390-9530, 6850-01-390-9453



Back

Aircraft Cleaners & Surface Treatments (cont.)

B&B™ 8525 Aqueous Cleaner for Aircraft Exteriors

Approvals

MIL-PRF-85570 Type II, Cleaning Compounds, Aircraft, Exterior

Testing

Boeing D6-17487 (BSS7432)

National Stock Number

6850-01-235-0872, 6850-01-582-3708, 6850-01-236-0128

B&B™ 1995 Aqueous Cleaner for Aircraft Exteriors

Approvals

MIL-PRF-85570 Type V, Cleaning Compounds, Aircraft, Exterior

National Stock Number

6850-01-234-0219, 6850-01-235-7458

B&B™ JET-22C Aqueous Cleaner for Aircraft Exteriors

Testing

Airbus AIMS 09-00-002

Boeing D6-17487 (BSS7432)

Douglas CSD #1

AMS 1526C

B&B™ 1986S Aqueous Cleaner for Aircraft Exteriors

Approvals

Bombardier Aerospace, No Technical Objection Memo, Alternative Aircraft Cleaning Products Ref MPE/FS/05/004

Testing

Boeing D6-17487 (BSS7432)

Douglas CSD #1 Cadmium Removal testing

MIL-C-85570, Type V

B&B™ 1200 MAE Aqueous Cleaner for Aircraft Exteriors

Approvals

Bombardier Aerospace, No Technical Objection Memo, Alternative Aircraft Cleaning Products Ref MPE/FS/05/004

Testing

Boeing D6-17487 (BSS7432)

B&B™ 786 RE Aqueous Cleaner for Aircraft Exteriors & Interiors

Approvals

American Airlines CPN 4014031

Bombardier Aerospace, No Technical Objection Memo, Alternative Aircraft Cleaning Products Ref MPE/FS/05/004

Testing

AMS 1550A, Cleaner for Interior Materials of Aircraft

Boeing D6-17487 (BSS7432)

Douglas CSD #1

B&B™ 786 REA Aqueous Cleaner for Aircraft Exteriors

Approvals

American Airlines CPN 4014031

B&B™ Contact E Rubberized Spot Cleaner for Aircraft Exteriors

Approvals

MIL-PRF-85570 Type IV, Cleaning Compounds, Aircraft, Exterior

National Stock Number

6850-01-235-0873, 6850-01-248-9829, 6850-01-248-9830

B&B™ Contact X Abrasive Spot Cleaner for Aircraft Thrust Stains

Approvals

MIL-PRF-85570 Type III, Cleaning Compounds, Aircraft, Exterior, Type III

National Stock Number

6850-01-232-9164

B&B™ Contact XL Cleaner & Polish for Aircraft Exteriors

Approvals

American Airlines CPN 4014028

United Airlines POL3001-15

Testing

Boeing D6-17487 (BSS7432)

Douglas CSD #1

Aircraft Cleaners & Surface Treatments (cont.)

BIOACT™ 108 Solvent Cleaner for Aircraft Exteriors

Approvals

American Airlines CPN 4214836

Boeing BAC 5750 Solvent Cleaning, PSD 6-100, BMS11-14A (approved metals and blanket cleaning)

Boeing BAC 5355 Fabrication and Rework of Thermal Acoustic Blankets, PSD 6-12 (also listed in PSD 6-8)

Testing

Airbus AIMS 09-00-002

Boeing D6-17487 (BSS7432)

Douglas CSD #1

AMS 1526C

BIOACT™ 145 Solvent Cleaner for Aircraft Exteriors

Approvals

American Airlines CPN M018347

Gulfstream Aerospace Standard GAS115H for Solvent Cleaner/Degreaser, Mixed Hydrocarbons, Part# GAS115H1

Testing

Airbus AIMS 09-00-002

Boeing D6-17487 (BSS7432)

Douglas CSD #1

B&B™ 729 Aqueous Cleaner for Aircraft Interiors

Testing

Testing liquids For Use on Polycarbonate Components, Boeing Service Letter 707, 737, 737, 747, Lexan 9600-116

B&B™ Sparkle A Windshield Glass & Acrylics Cleaner

Approvals

American Airlines CPN M017711

Alaska Airlines

Continental Airlines (now United Airlines)

Horizon Air

Piedmont Airlines

SkyWest Airlines

B&B™ Odor Out Deodorizer for Aircraft Interiors

Approvals

American Airlines CPN M017830

United Airlines CLE3030-91

RE-ENTRY™ Prepsolv Solvent Cleaner for Removing Adhesives

Approvals

Boeing BAC 5750 Solvent Cleaning

Solutions For Manual Cleaning

BIOACT™ 105 Solvent Cleaner

Approvals

AMS 3167 QPL Approved, AMS-3167B:2005 Class 1, Form 1, Types 1 and 2 – Solvents, Wipe for Cleaning Prior to Application of Primer and Topcoat Materials, or Sealing Compounds

AMS 3819 (BIOACT 105 Pre-Saturated Wipes, Aerospace Grade Wipes Material)

American Airlines CPN M018325

Bell Helicopter Bulletin No: 1915 Solvents, Blended Organic, Cold Degreasing (Liquid and Pre-Saturated Wipes)

Bombardier BAPS 180-009 General (G) Manual Solvent Cleaner

Bombardier Consumable Products Manual 8-12A – SOLVENT, Degreaser, Ele Wiring Harness, Components (Q400)

Bombardier TASK 20-30-00-110-805 Chem Cleaning of the Ele Wiring Transition, Adapter, Overbraid (Q400 AMM)

Bombardier TASK 61-20-36-110-801 Chemical Cleaning of the Propeller Electronic Control Unit (Q400 AMM)

Bombardier TASK 20-30-110-801 Chemical Cleaning of the Electrical Wiring Component (Q400 AM)

Bombardier TASK 20-30-00-110-802 Ext Chemical Cleaning of the Ele Wiring Connector and the Backshell (Q400 AMM)

Solutions For Manual Cleaning (cont.)

Bombardier TASK 20-30-00-110-803 Internal Chemical Cleaning of the Electrical Wiring Connector (Q400 AMM)

Bombardier TASK 20-30-00-150-802 Stripping of the Corrosion Inhibiting and Corrosion Preventative Compounds (Q400 AMM)

Bombardier TASK 51-21-26-340-801 Application of RTV Silicone Adhesive (Q400 AMM)

CFM International CP# 2719 Rev 76

Delta Airlines (TechOps) pending

GE Aviation C04-251

GE Aviation Cleaning Method No 23 Hand-Wipe Degreasing, SPM Task 70-21-23-110-053

GE Aviation Alt to SPM TASK 70-21-01-110-001 Cleaning Method No 1 Solvent Degreasing

GE Aviation Alt to SPM TASK 70-21-22-110-042 Cleaning Method No 22 Light Duty Aqueous Cleaning

Gulfstream Aerospace Standard GAS115H for Solvent Cleaner/Degreaser, Mixed Hydrocarbons, Part# GAS115H1

Honeywell C5049 Cleaning of Titanium and Titanium Alloys

International Aero Engines (IAE) CoMat 01-506 (Liquid), CoMat 01-506A (Pre-saturated Wipes)

Pratt & Whitney PMC 8929 Hand Wiping Solvent, SPOP 208 Degreasing of Parts by Solvent Wiping (SPM Rev 120, Part# 585005)

Pratt & Whitney PMC 8929 Hand Wiping Solvent, POP 1800-U Masking of Parts Prior to Selective Painting, Chemical Processing, Painting, Stripping

Pratt & Whitney PWA 36604 Rev D Hot Corrosion (AMS 4037)

Rolls-Royce CSS No 255 Type A Non-Halogenated Organic Solvent Cleaner (MLC104)

Rolls-Royce OMat 1/257S Solvent Cleaner

United Airlines Engine Parts Cleaning, Part #: SOL3001-17 for BIOACT 105 Precision Cleaner

United Airlines Engine Parts Cleaning, Part #: SOL3001-17TWL10X12 for BIOACT 105 Pre-Saturated Wipes

Testing

Airbus AIMS 09-00-002

Boeing D6-17487 (BSS 7432)

Douglas CSD #1

AMS 1526C

National Stock Number

7930-01-596-8655

BIOACT™ 108 Solvent Cleaner

Approvals

American Airlines CPN 4214836

Boeing BAC 5750 Solvent Cleaning, PSD 6-100, BMS11-14A (approved metals and blanket cleaning)

Boeing BAC 5355 Fabrication and Rework of Thermal Acoustic Blankets, PSD 6-12 (also listed in PSD 6-8)

Testing

Airbus AIMS 09-00-002

Boeing D6-17487 (BSS7432)

Douglas CSD #1

AMS 1526C

AXAREL™ 1000 Solvent Cleaner

Approvals

MIL-PRF-680 Degreasing Solvent Type I Low Flash Point (SD-1) (DS-0020) Airbus Consumable Materials List (CML) Product Code 865100, Application Code 08BBB1

Airbus A330 AMM Item 11-002

American Airlines CPN 4212182

Boeing BAC 5750 Solvent Cleaning (ref MIL-PRF-680) (PSD 6-88)

Embraer (ref MIL-PRF-680)

Honeywell ref MIL-PRF-680 qualifications (Type I)

Lockheed Martin STP57-201, Rev. H Cleaning of Carbon and Low Alloy Steels (EPS G41.14) (MIL-PRF-680 supersedes P-D-680)

Pratt & Whitney PMC 9001 Stoddard Solvent (MIL-PRF-680, Type I, II or III)

Pratt & Whitney PMC 9045, POP-350 Cleaning / wipe degreasing of metallic parts for general cleaning, and of metallic parts in preparation for brazing or welding

Rolls-Royce CSS267 Solvent

Rolls-Royce OMat 102

United Airlines SOL3001-1-TY1-05, -55

National Stock Number

6850-01-474-2302, 6850-01-474-2309, 6850-01-474-2313, 6850-00-264-9039

Solutions For Manual Cleaning (cont.)

AXAREL™ 2000 Solvent Cleaner

Approvals

MIL-PRF-680 Degreasing Solvent Type II High Flash Point (SD-2) (DS-0018)

Airbus Consumable Materials List (CML) Product Code 865100, Application Code 08BBB1

Airbus A330 AMM Item 11-002

American Airlines CPN 4212184

Boeing BAC 5750 Solvent Cleaning (ref MIL-PRF-680) (PSD 6-88)

Delta Airlines (TechOps) pending

Embraer (ref MIL-PRF-680)

Honeywell ref MIL-PRF-680 qualifications (Type II)

Lockheed Martin STP57-201, Rev. H Cleaning of Carbon and Low Alloy Steels (EPS G41.14) (MIL-PRF-680 supersedes P-D-680)

Messier-Bugatti per MIL-PRF-680

Pratt & Whitney PMC 9001 Stoddard Solvent (MIL-PRF-680, Type I, II or III)

Rolls-Royce CSS267 Solvent

Rolls-Royce OMat 102

UTAS Goodrich Wheels and Brakes Component Maintenance Manual per MIL-PRF-680

National Stock Number

6850-01-474-2319, 6850-01-474-2317, 6850-01-378-0698, 6850-01-474-2316, 6850-00-637-6135

AXAREL™ 4000 Solvent Cleaner

Approvals

MIL-PRF-680 Degreasing Solvent Type IV High Flash Point with Citrus Odor (SD-4) (DS-0023)

Airbus Consumable Materials List (CML) Product Code 865100, Application Code 08BBB1

Airbus A330 AMM Item 11-002

Boeing BAC 5750 Solvent Cleaning ref MIL-PRF-680 (PSD 6-88)

Embraer ref MIL-PRF-680

Honeywell ref MIL-PRF-680 IV

Lockheed Martin STP57-201, Rev. H Cleaning of Carbon and Low Alloy Steels (EPS G41.14) (MIL-PRF-680 supersedes P-D-680)

National Stock Number

6850-01-472-2722, 6850-01-472-2717, 6850-01-472-2719

RE-ENTRY™ Prepsolv Solvent Cleaner

Approvals

Boeing BAC 5750 Solvent Cleaning Revision M (released April 22, 2011)

AXAREL™ 4100 Solvent Cleaner

Approvals

Rolls-Royce CSS No. 255 Type A Non-Halogenated Organic Solvent Cleaner (MLC104)

Rolls-Royce OMat 1/257M Solvent Cleaner

UTAS UTC Aerospace Systems Goodrich Actuation Systems 981-100-020 Issue 4 Solvent Degreasing

Testing

SAE ARP 1755B

National Stock Number

8010-01-535-0740

AXAREL™ 6100 Solvent Cleaner

Approvals

Bell Helicopter Bulletin No 1915, Solvents, Blended Organic, Cold Degreasing

Rolls-Royce CSS No 255 Type A Non-Halogenated Organic Solvent Cleaner (MLC104)

UTAS UTC Aerospace Systems Goodrich Actuation Systems 981-100-020 Issue 4 Solvent Degreasing

Testing

Pratt & Whitney Hot Corrosion Testing of Standard Gas Turbine Engine Alloys (AMS 4037, 4375, 6359, 5508, 5536, 5544, 5608)

SAE ARP 1755B

Solutions for Cleaning Components & Assemblies

CleanSafe™ 787C Aqueous Cleaner

Approvals

Bell Helicopter Material Code M/C 2100-00097
Boeing BAC 5763 Type II Grade A Emulsion Cleaning and Aqueous Degreasing (PSD 6-57)
Boeing BAC 5749 Alkaline Cleaning (PSD 6-153)
Boeing Defense Systems HMS20-1267/-2125/-2126/-2127/-2128/-2412
CFM International CP# 2735
Delta Airlines (TechOps) pending
Engine Alliance GP7000 SPM EAP-2202, Aqueous Cleaner, Immersion Cleaning
GE Aviation C04-289 Cleaner, Mild Alkaline listed in GE SPM 70-21-22 Light Duty Aqueous Cleaning (S1207 – Light Duty Alkaline Cleaner – C04-289) Appendix F. Recommended Practice for Certifying Agent Approval of Cleaning Products Used on Metallic Jet Engine Hardware (Sec. 3.1.1, -.4, -5, -6, -9, -10, -12)
Honeywell C5012 Aqueous Cleaning in accordance to EMS 53170 Material Requirements for Aqueous and Semi- Aqueous Degreasing (Type I, II Cleaner)
International Aero Engines (IAE) CoMat 01-565
Messier-Dowty PCS-2621 for use on all materials and coatings on Messier-Dowty parts (Memo LMP 09/031)
Pratt & Whitney SPMC 190, SPS 190 Immersion Cleaning for SPOP 209 Degreasing of Parts by Aqueous Cleaning
Pratt & Whitney PMC 1465, PS 437 Alkali Cleaner (Immersion) for POP 1800-U Masking of Parts Prior to Selective Painting, Chemical Processing, Painting or Stripping
Pratt & Whitney PMC 1465, PS 437 Alkali Cleaner (Immersion) for POP 573-AD Alkali Cleaning (Immersion)
Pratt & Whitney PMC 1465, PS 436 Alkali Cleaner (Spray Wash) for POP 581-R Alkali Cleaning in Cabinet-Type Automatic Spray Wash Equipment
Pratt & Whitney PWA 36604 Revision
Rolls-Royce CSS204 Aqueous Cleaners (MLC104 ISSUE 18 - APRIL 2009)
Rolls-Royce OMat 1/24AL Aqueous Cleaner
Safran In-1500 Products Used for Degreasing-Alkaline and Detergent Products

Spirit AeroSystems SPS 107630 Emulsion Cleaning and Aqueous Degreasing

United Airlines CLE3007-34

Williams International, Process Specifications, Appendix B: Approved Cleaning Solutions

Testing

SAE ARP 1755B

Wet Adhesion Tape Test, MIL-DTL-83488d

Honeywell EMS 53170 (Chem. Analysis, Cleaning Ability, Etch Rate, Cleaning Prior to FPI)

CleanSafe™ 686 Aqueous Cleaner

Approvals

Pratt & Whitney (pending)

Praxair Surface Technologies (UK)

Williams International, Process Specifications, Appendix B: Approved Cleaning Solutions

Testing

Pratt & Whitney 36604 Rev E Hot Corrosion (10%)

LENIUM™ HT Vapor Degreasing Solvent

Testing

Boeing BSS 7432 (D6-17487)

Douglas CSD#1

ARP 177B Stock Loss Test

GE Hot Corrosion Test

LENIUM™ FS Vapor Degreasing Solvent

Testing

Boeing BSS 7432 (D6-17487)

Douglas CSD#1

ARP 177B Stock Loss Test

GE Hot Corrosion Test

Solutions for Cleaning Components & Assemblies (cont.)

LENIUM™ GS Vapor Degreasing Solvent

Approvals

Bell Helicopter Bulletin No.: 1918 n-Propyl Bromide, Vapor Degreasing Grade

Boeing BAC 5408 Vapor Degreasing Specification (PSD 6-68)

Embraer (per ASTM D6368)

Lockheed Martin EMAP G41.149

Messier-Dowty PCS-2620, Steels – Iron Based Alloys

Praxair ID# GDE 10055434

Safran In-1500 Products Used For Degreasing-Organic Solvents (n-Propyl Bromide)

Scott Aviation SMP No.: 7700009 Rev AP, Cleaning of Components and Assemblies For Use in Breathing Equipment

UTAS UTC Aerospace Systems LGPS 1400 Solvent Cleaning/Degreasing

Williams International, Process Specifications, Appendix B: Approved Cleaning Solutions, 00-047, 00-083

BIOACT™ 280 Bio-based Solvent Cleaner

Approvals

GE Aviation Master Cleaner List 3.6.5, GE Aviation SCWC, Semi-Aqueous Immersion Cleaners (100%)

GE Aviation General parts cleaner and as a plating wax remover on GEAE and CFMI engine hardware

Honeywell Process Specification C7010, Rev H for dewaxing and general cleaning of mechanical hardware

Honeywell Tested to EMS 53170 Rev C 10-21-97 Type 1 Material Requirements for Aqueous Cleaning and Semi-Aqueous Degreasing, Tests A,B,C,F,G

International Aero Engines (IAE) CoMat 01-460

Pratt & Whitney PMC 8913-1,-2 Wax Removal Solvent, SPOP 37 Method 2 Removal of Plating Wax (SPM Rev 120, Part #585005)

Pratt & Whitney PMC 8913-1,-2 Wax Removal Solvent, POP 1800-U Masking Parts Prior to Selective Painting, Chemical Processing, Painting, Stripping

Pratt & Whitney MCL E-205 Titanium Stress Corrosion Test

United Airlines SOL3004-10

Williams International, Process Specifications, Appendix B: Approved Cleaning Solutions, 99-086, 04-093

National Stock Number

7930-01-596-8654

BIOACT™ 280E Bio-based cleaner for masking wax

Approvals

CFM International CP# 2720 Rev 76

GE Aviation 70-80-04 Solvent, Wax Removal (C04-287)

GE Aviation Master Cleaner List 3.6.5, GE Aviation SCWC, Semi-Aqueous Immersion Cleaners (100%)

International Aero Engines (IAE) CoMat 01-460

Pratt & Whitney PMC 8913-1,-2 Wax Removal Solvent, SPOP 37 Method 2 Removal of Plating Wax (SPM Rev 120, Part #585005)

Pratt & Whitney PMC 8913-1,-2 Wax Removal Solvent, POP 1800-U Masking Parts Prior to Selective Painting, Chemical Processing, Painting, Stripping

Pratt & Whitney MCL E-205 Titanium Stress Corrosion Test

Rolls-Royce OMat 1/288D Wax Remover

Rolls-Royce CSS No 254 Class A Semi-Aqueous Cleaning Fluids Suitable on Metallic Materials as CM0000044 - Class A: BIOACT 280 MLC104/1

Testing

Boeing D6-17487 (BSS7432)

SAE ARP 1755B

National Stock Number

7930-01-596-8654

AEROWAX™ MT Masking Wax

Approvals

Pratt & Whitney PMC 9551 Masking Wax Compound

Testing

Pratt & Whitney PWA 36604 Revision D Stress Corrosion

AXAREL™ 56 Solvent Cleaner

Approvals

Boeing BAC 5200 Cleaning, Preserving and Re-lubricating Anti-Friction Bearings, Method II A Pressure Spray Cleaning (PSD 6-3)

Boeing BAC 5763 Type II Emulsion Cleaning and Aqueous Degreasing (5-25% in Spray; 5-100% in immersion)

GE Aviation Master Cleaner List 3.6.5, GE Aviation SCWC Aqueous Immersion Cleaners and Water-Based Spray Cleaners (25%)

Messier-Dowty PCS-2620 for use on all materials and coatings on Messier-Dowty parts (Memo LMP 09/031)

Solutions for Cleaning Components & Assemblies (cont.)

AXAREL™ 2000 Solvent Cleaner

Approvals

MIL-PRF-680 Degreasing Solvent Type II High Flash Point (SD-2) (DS-0018)

Airbus Consumable Materials List (CML) Product Code 865100, Application Code 08BBB1

Airbus A330 AMM Item 11-002

American Airlines CPN 4212184

Boeing BAC 5750 Solvent Cleaning (ref MIL-PRF-680) (PSD 6-88)

Delta Airlines (TechOps) pending

Embraer (ref MIL-PRF-680)

Honeywell ref MIL-PRF-680 qualifications (Type II)

Lockheed Martin STP57-201, Rev. H Cleaning of Carbon and Low Alloy Steels (EPS G41.14) (MIL-PRF-680 supersedes P-D-680)

Messier-Bugatti per MIL-PRF-680

Pratt & Whitney PMC 9001 Stoddard Solvent (MIL-PRF-680, Type I, II or III)

Rolls-Royce CSS267 Solvent

Rolls-Royce OMat 102

UTAS Goodrich Wheels and Brakes Component Maintenance Manual per MIL-PRF-680

National Stock Number

6850-01-474-2319, 6850-01-474-2317, 6850-01-378-0698, 6850-01-474-2316, 6850-00-637-6135

AXAREL™ 2200 Solvent Cleaner

Approvals

United Airlines SOL3001-11

AXAREL™ PD-680-II Solvent Cleaner

Approvals

Airbus Consumable Materials List (CML) Product Code 865100, Application Code 08BBB1, Old Code 11-524X

Williams International, Process Specifications, Appendix B: Approved Cleaning Solutions, 89-124, 07-188, Reference PD-680

Testing

Conforms A-A-59601E, Dry Cleaning and Degreasing Solvent, PD-680

National Stock Number

6850-00-285-8011, 6850-00-274-5421

AXAREL™ PD-680-III Solvent Cleaner

Approvals

Williams International, Process Specifications, Appendix B: Approved Cleaning Solutions, 89-124, 07-188, Reference PD-680

Testing

Conforms A-A-59601E, Dry Cleaning and Degreasing Solvent, PD-680

National Stock Number

6850-01-377-1809, 6850-01-331-3349, 6850-01-331-3350

AXAREL™ 3000 Solvent Cleaner

Approvals

MIL-PRF-680 Degreasing Solvent Type III Very High Flash Point (200°F) (SD-3) (DS-0017)

Airbus Consumable Materials List (CML) Product Code 865100, Application Code 08BBB1

Airbus A330 AMM Item 11-002

BAC 5750 Solvent Cleaning (ref MIL-PRF-680) (PSD 6-88)

Embraer (ref MIL-PRF-680)

Honeywell ref MIL-PRF-680 qualifications (Type III)

Lockheed Martin STP57-201, Rev. H Cleaning of Carbon and Low Alloy Steels (EPS G41.14) (MIL-PRF-680 supersedes P-D-680)

Messier-Bugatti Component Maintenance Manual per MIL-PRF-680

Pratt & Whitney PMC 9001 Stoddard Solvent (MIL-PRF-680, Type I, II or III)

UTAS UTC Aerospace Systems Goodrich Wheels and Brakes Component Maintenance Manual per MIL-PRF-680

National Stock Number

6850-01-474-2318, 6850-01-474-2320, 6850-01-474-2321

AXAREL™ 4000 Solvent Cleaner

Approvals

MIL-PRF-680 Degreasing Solvent Type IV High Flash Point with Citrus Odor (SD-4) (DS-0023)

Airbus Consumable Materials List (CML) Product Code 865100, Application Code 08BBB1

Airbus A330 AMM Item 11-002

Solutions for Cleaning Components & Assemblies (cont.)

BAC 5750 Solvent Cleaning (ref MIL-PRF-680) (PSD 6-88)
Embraer (ref MIL-PRF-680)
Honeywell ref MIL-PRF-680 qualifications (Type IV)
Lockheed Martin STP57-201, Rev. H Cleaning of Carbon and Low Alloy Steels (EPS G41.14) (MIL-PRF-680 supersedes P-D-680)

National Stock Number

6850-01-472-2722, 6850-01-472-2717, 6850-01-472-2719

AXAREL™ 9100 Solvent Cleaner

Approvals

Bombardier Service Bulletin S.B. 670BA-34-027 Cleaning Pitot and Static Lines and Fittings, Sec 3.B. (CRJ): CL-600-2C10,-2D24)

Rolls-Royce CSS No. 255 Type A Non-Halogenated Organic Solvent Cleaner (MLC104)

Rolls-Royce OMat 1/257M Solvent Cleaner

Safran Power Systems Co-Solvent Vapor Degreasing (w/ LENIUM IPS). Process Spec. NO: 914-014-078 to 085. Title: Solvent and Aqueous Degreasing and Cleaning. Issue: 9

United Airlines SOL3001-10

Testing

Boeing D6-17487 (BSS 7432)

SAE ARP 1755A

AXAREL 52™ Solvent Cleaner

Approvals

Williams International, Process Specifications, Appendix B: Approved Cleaning Solutions, 94--029

Solutions For Gas Path Engine Cleaning

B&B™ 3100 Solvent Cleaner for Gas Path Turbine Engines

Approvals

Boeing 737 Maintenance Manual, Engine Cleaning/Painting, CFM56 Engines, (CP2373) (Ref 70-10-01)

CFM, CP5060

GE Aviation, CO-140

GE Aviation, SPM (reference MIL-PRF-85704 Type I)

Pratt & Whitney Canada EMM, Manual Part No. 3021442, PWC11-001C

MIL-PRF-85704, Cleaning Compound, Type I, Solvent emulsion cleaner concentration containing aromatic hydrocarbon solvents for use in starter cranked engine cleaning operations only

MIL-C-85704

GE Industrial AeroDerivative Gas Turbines, LM6000 PC, GEK 105059, Gas Path Water Wash WP 401400, Model Series 6001 Gas Turbine, GEK 99604, Inspection & Maintenance Instructions

Williams International, Process Specifications, Appendix B: Approved Cleaning Solutions, 93-291

National Stock Number

6850-00-181-7594, 6850-00-181-7594

B&B™ TC-100 Aqueous Cleaner for Gas Path Turbine Engines

Approvals

MIL-C-85704 Type IIA, Cleaning Compound, Turbine Engine Gas Path

Airbus CML, Application Code 08AJA9, Aqueous Cleaner, Turbine Engine Gas Path

Airbus CML, Application Code 869200, Aqueous Cleaning Compound

Boeing, APU In-Situ Cleaning, Prop-BN82T-C89-461

Boeing 747 Maintenance Manual, 49-11-00, Compressor Washing Fluid (Ref 20-30-01)

Boeing 737-600/700/800/900 U-File, Bulk and Consumable Materials

CFM, CP5060

GE Aviation, C04-140, SPM

GE Aviation Cleaning Method NO. 14 – Manually Assisted Detergent Cleaning

GE Aviation Cleaning Method NO. 23 – Hand-Wipe Degreasing

GE Aviation Cleaning Method NO. 24 – Exterior Engine Cleaning

Honeywell Aerospace CMM 182820 D. Aqueous Cleaning (Subtask 21-50-14-100-004-A01) Heat Exchanger Cleaning

Honeywell Aerospace CMM 182820 D. Steam Cleaning (Subtask 21-50-14-100-005-A01) Heat Exchanger Cleaning

United Airlines

Pratt & Whitney Canada CPMC 79038

Pratt & Whitney Canada EMM, Manual Part No. 3021442, PWC11-003E

Testing

Airbus AIMS09-00-002

Boeing D6-17487 (BSS7432)

Douglas CSD #1

Rolls-Royce MSRR 9914, Testing to Appendix 1, 3, 4, 5, 6, 10 and Flash Point

AMS 1550A, Cleaner for Interior Materials of Aircraft, Biodegradable, Water-Base

National Stock Number

7930-01-367-0983, 7930-01-367-0984

B&B™ TC-100N-3 Aqueous Cleaner for Gas Path Turbine Engines

Approvals

MIL-PRF-85704 Type II, Cleaning Compound, Turbine Engine Gas Path

MIL-PRF-85704 Type III, Cleaning Compound, Turbine Engine Gas Path

Airbus Application Code 08AJA1, Aqueous Cleaner, Turbine Engine Gas Path (ref MIL-PRF-85704 Ty II)

American Airlines CPN 4151795 (5 Gallon), 4144002 (55 Gallon)

Boeing 737-600/700/800/900 U-File, Bulk and Consumable Materials

GE Aviation, SPM (reference MIL-PRF-85704 Type II)

Honeywell Aerospace CMM 182820 D. Aqueous Cleaning (Subtask 21-50-14-100-004-A01) Heat Exchanger Cleaning (ref MIL-PRF-85704 Type II)

United Airlines CLE3007-29-05, Cleaner – Engine Gas Pas / APU Oil Cooler

Testing

Pratt & Whitney PWA 36604 Rev B, Hot Corrosion Testing, AMS 5608

National Stock Number

7930-01-412-2365, 7930-01-412-2366, 6850-01-372-8304, 6850-01-433-6436

B&B™ TC-100N-3-RTU Aqueous Cleaner for Gas Path Turbine Engines

Approvals

MIL-PRF-85704 Type II RTU, Cleaning Compound, Turbine Engine Gas Path

MIL-PRF-85704 Type III RTU, Cleaning Compound, Turbine Engine Gas Path

Airbus Application Code 08AJA1, Aqueous Cleaner, Turbine Engine Gas Path (ref MIL-PRF-85705 Ty II RTU)

GE Aviation, SPM (reference MIL-PRF-85704 Type II RTU)

National Stock Number

7930-01-412-2367, 7930-01-412-2368, 6850-01-370-5245, 6850-01-370-5244, 6850-01-472-1845, 6850-01-472-1846

Solutions For Cleaning Avionics

AXAREL 32™ Solvent Cleaner

Approvals

Williams International, Process Specifications, Appendix B: Approved Cleaning Solutions, PP8050 P92-257, 94-026



Back

Vantage Performance Materials

A Vantage Specialties Inc. Chemicals Business
3938 Porett Drive
Gurnee, Illinois 60031 USA
CAGE CODE: 0WU48
VPMInfo@vantagegrp.com
www.vantagesurfacetreatment.com

Doc #

LENIUM™ ES Vapor Degreasing Solvent

Approvals

Lockheed Martin EMAP G41.149

Messier-Dowty PCS-2620, Steels – Iron Based Alloys

Safran In-1500 Products Used For Degreasing-Organic Solvents (n-Propyl Bromide)

UTAS UTC Aerospace Systems LGPS 1400 Solvent Cleaning/Degreasing

Williams International, Process Specifications, Appendix B: Approved Cleaning Solutions, 99-112, 07-16