

Surface Treatment Solutions for Military & Defense

by Vantage Performance Materials®



Coating & Paint Removers

| PRODUCT | DESCRIPTION | MILITARY APPROVALS & CONFORMANCE |
|-----------------------|--|--|
| B&B™ 9095 | Paint remover for aircraft exteriors. 18 months shelf life. | TO 1-1-8, Tinker Purchase Description, MIL-PRF-32587, TO 1-1-24, C-130 LES, Boeing DPM 5549-1, Boeing BMS 10-144, Douglas DPS 9.316-3, Lockheed Martin EMAP G32.2356, Lockheed Martin C-130 NTO, RAF C-130 NTO |
| APR™ 2195 | Paint remover for aircraft exteriors. | Tinker Purchase Description |
| B&B 5151-B | Polysulfide paint and sealant remover for aircraft exteriors. | TO 1-1-8 |
| B&B 5151-M | Removes polysulfide paint and sealant for aircraft exteriors. | TT-R-2918 |
| B&B 9201 | Paint remover for components. Used in immersion. | MIL-PRF-83936 Type I |
| iTPC™ 37 | Solution for removing temporary protective coatings (TPCs). | AMS 7202 |
| BTR™ -130 | Solution for removing protective belly tape from aircraft exteriors. | New Product Development |

Aircraft Cleaners & Surface Treatments

| PRODUCT | DESCRIPTION | APPROVALS & CONFORMANCE |
|--------------------------|---|---|
| iSAP™ 311 | Inhibited Surface Adhesion Promoter. Applied prior to painting aircraft exteriors. | Tested to MIL-PRF-32239 (partial), Outdoor Beach Corrosion Testing (3yrs), Neutral Salt Spray |
| PCR-1640 | Prepaint corrosion remover and etchant. Applied prior to paint aircraft exteriors. | AMS 1640 (superseded MIL-C-38334) |
| B&B JET-7 | Aircraft exterior cleaner for dirt, grime, light oils and hydraulic fluid. May be used in confined areas such as bilges and equipment bays. | MIL-PRF-87937D Type IV |
| B&B RE-GEL | Gel-type aircraft exterior cleaner for light to medium soils. | MIL-PRF-87937D Type III |
| B&B 1995 | Gel-type aircraft exterior cleaner for heavy soils. | MIL-PRF-85570E Type V |
| B&B 8525 | Aircraft exterior cleaner designed for heavy soils. | MIL-PRF-85570E Type II |
| B&B CONTACT X | Low abrasive spot cleaner for thrust, smoke trail and rocket blast areas from aircraft exterior surfaces. | MIL-PRF-85570E Type III |

Cleaning Solutions for Aircraft Components & Assemblies

| PRODUCT | DESCRIPTION | APPROVALS & CONFORMANCE |
|--|---|-------------------------|
| AXAREL™ 2000 | MIL-PRF-680 Type II solvent. Essentially no odor. Flash point above 140°F (60°C). Used for manual and solvent parts washing basins. | MIL-PRF-680 Type II |
| AXAREL 3000 | Very high flash point (>200°F/93°C) solvent used to remove greases, oils. | MIL-PRF-680 Type III |
| BIOACT™ 280 BIOACT 280E | Bio-based cleaner for removing masking wax during selective plating. | Stock listed |
| B&B TC-100 | Aqueous immersion cleaner for aircraft heat exchangers. | MIL-C-85704, Type II |

Cleaning Solutions for Aircraft Components & Assemblies (cont.)

| PRODUCT | DESCRIPTION | MILITARY APPROVALS & CONFORMANCE |
|-----------------|---|---|
| CleanSafe™ 787C | Very low-foaming, water-based solution for spray and agitated immersion cleaning equipment. | Boeing Defense Systems HMS20-1267/-2125/-2126/-2127/-2128/-2412 |
| LENIUM™ FS | Vapor degreasing solution based on fluorinated halogens. Replaces TCE, PERC, <i>n</i> PB. | New Product Development |
| LENIUM HT | Vapor degreasing solution based on fluorinated halogens. Replaces TCE, PERC, <i>n</i> PB. | New Product Development |
| LENIUM GS | Vapor degreasing solution based on stabilized <i>n</i> -Propyl Bromide (<i>n</i> PB). | Lockheed Martin EMAP G41.149 |

Gas Path Turbine Engine Cleaners

| PRODUCT | DESCRIPTION | APPROVALS & CONFORMANCE |
|-------------------|---|--|
| B&B 3100 | Concentrated liquid compound for gas path, compressor and fuel nozzle cleaning, in portable or stationary turbine engines. | MIL-PRF-85704, Cleaning Compound, Type I |
| B&B TC-100 | Aqueous gas path cleaner for turbine engines. | MIL-C-85704, Type II |
| B&B TC-100N-3 | Aqueous gas path cleaner for turbine engines. Qualified for both on and off-line cleaning of the compressor section. | MIL-PRF-85704 Type II & Type III |
| B&B TC-100N-3-RTU | Ready-To-Use (RTU) aqueous-based gas path cleaner for turbine engines. Qualified for both on and off-line cleaning of the compressor section. | MIL-PRF-85704 Type II RTU & Type III RTU |

Manual & Solvent Cleaners

| PRODUCT | DESCRIPTION | APPROVALS & CONFORMANCE |
|--------------------------------|---|-------------------------|
| AXAREL 1000 | MIL-PRF-680 Type I solvent. Good dry times. Essentially no odor. | MIL-PRF-680 Type I |
| AXAREL 2000 | MIL-PRF-680 Type II solvent. Essentially no odor. Flash point above 140°F (60°C). Used for manual and solvent parts washing basins. | MIL-PRF-680 Type II |
| AXAREL 3000 | Very high flash point (>200°F/93°C) solvent used to remove greases, oils. | MIL-PRF-680 Type III |
| AXAREL 4000 | MIL-PRF-680 Type IV solvent. Used when a higher flash point (<140°F/60°C) and strong solvency is desired. | MIL-PRF-680 Type IV |
| AXAREL 4100 | Manual cleaner and degreaser | Stock listed |
| AXAREL PD-680-II | Solvent degreaser formulated to meet the requirements P-D-680B specification in accordance with A-A-59601E Type II. | A-A-59601E Type II |
| AXAREL PD-680-III | Solvent degreaser formulated to meet the requirements P-D-680B specification in accordance with A-A-59601E Type III. | A-A-59601E Type III |
| BIOACT 105 BIOACT 105 Wipes | Fast drying cleaner used to replace IPA, acetone, MEK for general purpose degreasing and surface prep. Low EHS impact. | SAE AMS 3167, NSN |

| PRODUCT | 1 GALLON | 5 GALLON | 55 GALLON | OTHER PACK SIZE |
|---|------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| AXAREL 1000 Solvent Cleaning Compound | 6850-01-474-2302 | 6850-01-474-2309 | 6850-01-474-2313 | |
| AXAREL 2000 Solvent Cleaning Compound | 6850-01-474-2319 | 6850-01-474-2317 | 6850-01-474-2316 | 6850-00-637-6135 |
| AXAREL 3000 Solvent Cleaning Compound | 6850-01-474-2318 | 6850-01-474-2320 | 6850-01-474-2321 | |
| AXAREL 4000 Solvent Cleaning Compound | 6850-01-472-2722 | 6850-01-472-2717 | 6850-01-472-2719 | |
| AXAREL 4100 Solvent Cleaning Compound | | 8010-01-535-0740 | | |
| AXAREL PD-680-II Solvent Cleaning Compound | | 6850-00-274-5421 | 6850-00-285-8011 | |
| AXAREL PD-680-III Solvent Cleaning Compound | 6850-01-377-1809 | 6850-01-331-3349 | 6850-01-331-3350 | |
| BIOACT 280 BIOACT 280E Dewaxing Solvent | | | 7930-01-596-8654 | |
| B&B 1995 Aircraft Cleaner | | 6850-01-234-0219 | 6850-01-235-7458 | |
| B&B 3100 Gas Path Cleaner | | 6850-00-181-7594 | 6850-00-181-7597 | |
| B&B 5151-B Polysulfide Sealant & Coating Remover | 6850-01-495-0235 | 6850-01-495-0149 | 6850-01-495-0150 | |
| B&B 5151-M Polysulfide Sealant & Coating Remover | | 8010-01-483-4367 | | |
| B&B 8525 Aircraft Cleaner | | 6850-01-235-0872 6850-01-582-3708 | 6850-01-236-0128 | |
| B&B 9095 Aircraft Paint Remover | | 6850-01-584-9128 6850-01-529-0306 | 6850-01-584-9124 6850-01-529-0302 | 6850-01-685-1741 6850-01-612-8184 |
| B&B 9201 Immersion Paint Remover | | | 8010-01-374-4336 8010-01-040-1059 | |
| B&B CONTACT X Aircraft Cleaner | | 6850-01-232-9164 | | |
| B&B JET-7 Aircraft Cleaner | | 6850-01-433-0873 | 6850-01-429-2371 | |
| B&B RE-GEL Aircraft Cleaner | | 6850-01-390-9530 | 6850-01-390-9453 | |
| B&B TC-100 Gas Path Cleaner | | 7930-01-367-0983 | 7930-01-367-0984 | |
| B&B TC-100N-3 Gas Path Cleaner | | 6850-01-372-8303 6850-01-433-6436 | 6850-01-372-8304 | |
| B&B TC-100N-3-RTU Gas Path Cleaner | | 6850-01-370-5245 6850-01-472-1845 | 6850-01-370-5244 6850-01-472-1846 | |
| BIOACT 105 Manual Solvent Cleaner | | | | 7930-01-596-8655 |

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