



Technical Data Sheet

BIOACT™ 108 Solvent Cleaner

Product Description

BIOACT 108 Solvent Cleaner is a highly refined solvent formulated to meet the performance, compatibility and environmental requirements of the aerospace industry. It is selected when a powerful cleaner is required with fast dry times and low surface residues. BIOACT 108 is a direct replacement for acetone, isopropyl alcohol (IPA), methyl ethyl ketone (MEK), toluene and other low flash point, high vapor pressure and toxic solvents. It is compatible with many polymeric substrates, elastomers and is safe for use with ferrous and non-ferrous alloys.

Features and Benefits

- Fast Dry Times
- Replaces Acetone, IPA, MEK, MPK
- Powerful Cleaning Ability
- Low Surface Residue

Properties

Odor	Mild Citrus
Flash Point	120 °F (49 °C)
Boiling Point (760 mmHg)	304-372 °F (151-189 °C)
Specific Gravity (25 °C)	0.86

Soils Removed

- Adhesives
- Inks
- Asphalts
- Mold Release Compounds
- Buffing Compounds
- Paint Overspray
- Corrosion Inhibiting Compounds
- Particulate Matter
- Coolants
- Conformal Coatings
- Polishing Compounds
- Fingerprints
- Sealants
- Greases
- Silicones
- Tars
- Hydraulic Fluids
- Waxes

Equipment

Suitable for use in a variety of commercially available cleaning equipment including immersion tanks.

Process

Manual Cleaning

Apply at full concentration to the desired substrate by brush, pad or cloth.

Immersion Cleaning

Add at full concentration to the wash tank reservoir. Ultrasonic agitation may be used with proper safety controls.



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Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Low
Hazardous Air Pollutant (HAP)	No
Volatile Organic Compound (VOC)	860 g/L
Superfund Amendments and Reauthorization Act (SARA)	Not regulated
National Emission Standards for Hazardous Air Pollutants (NESHAPs)	Not Regulated
Resource Conservation and Recovery Act (RCRA)	Not Regulated

Disposal/Safety

Disposal

Vantage recommends contacting your current or local environmental service company for proper disposal.

Safety

Please see Safety Data Sheet for further information.

Approvals/Testing

Approvals

American Airlines CPN 4214836

Boeing BAC 5750 Solvent Cleaning, PSD 6-100, BMS11-14A

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 (excludes acrylic and polycarbonate crazing)

AMS 1526C (excludes flash point, effect on transparent acrylic plastics and storage stability)

Boeing D6-17487 (excludes acrylic crazing)

Douglas CSD #1 (excludes acrylic crazing)

ASTM F 1110, ASTM F 1111, ASTM F 483, ASTM F 502, ASTM F 519, ASTM F 509, ASTM F 485

Paint Softening Test (Airbus AIMS 09-00-002)

Packaging

Available in 36 lb (16 kg) pails and 395 lb (180 kg) drums.

Shelf Life

36 months when stored in original, sealed container above 50 °F (10 °C).



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ISO 9001:2008



LEAD FREE



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