



Technical Data Sheet

PCR-1640 Prepaint Corrosion Remover

Product Description

PCR-1640 Prepaint Corrosion Remover is a concentrated acidic solution formulated to remove corrosion and heavy surface oxidation from exterior aluminum aircraft surfaces. It does not contain hydrofluoric acid.

PCR-1640 produces an aluminum surface with a matte finish and is used prior to conversion coating, painting, anodizing, or welding.

PCR-1640 conforms to AMS 1640 Revision C, *Corrosion Removing Compound for Aircraft Surfaces* which superseded MIL-C-38334.

Soils Removed

- Removes corrosion and heavy oxidation
- Used to prepare aluminum surfaces for conversion coating, painting, anodizing, welding
- Thickened formula clings to inverted and vertical surfaces
- Does not contain hydrofluoric acid
- Non-chromated
- Non-flammable
- Easy rinsing
- Does not craze, stain, or discolor acrylic plastics in accordance to ASTM F484

Process

1. Preclean heavily soiled surfaces with **B&B™ JET-7**, **B&B JET-22C** or other Vantage qualified aircraft exterior cleaner.
2. Rinse with water.
3. Deoxidize with **PCR-1640 Prepaint Corrosion Remover**. Use a mix ratio of 1:1. Prevent contact with glass or high-strength steel by masking. Working from bottom to top to avoid streaking, apply PCR-1640 with a non-atomizing spray. Agitate surface. Do not allow to dry. Allow to remain in contact with the surface for up to 5-10 minutes.
4. Rinse with water.
5. Apply conversion coating.
6. Rinse with water.
7. Apply paint stackup.

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.

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Approvals and Testing

Conforms to SAE AMS 1640C Corrosion Removing Compound for Aircraft Surfaces (supersedes MIL-C-38334, Type I, Class I)

NSN 6850-00-527-2426 (5 gallon), 6850-00-300-9008 (55 gallon)

Packaging

Available in pails and drums.

Shelf Life

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



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Vantage Specialties, Inc.

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