



Technical Data Sheet

iTPC™ Remover 37 Inhibited Temporary Protective Coating Remover

Product Description

Vantage iTPC Remover 37 is an inhibited, water-based cleaning solution formulated to remove strippable temporary protective coatings (TPCs). It is safe for use on both painted and unpainted aircraft surfaces, acrylics, polycarbonates, elastomers and some composites.

iTPC Remover 37 is qualified to *SAE AMS7202 Type II Class I Temporary Protective Coating and Remover*.

Features and Benefits

- Clings to vertical and inverted surfaces
- Non-flammable
- Mild pH
- Contains corrosion inhibitors
- Ready-to-use
- Safe for use on painted and unpainted surfaces
- Safe for use on polymers, elastomers and some composites

Properties

Appearance	Mild, Characteristic
Color	<2.0
pH (100%)	9.9
Specific Gravity (25 °C)	1.021
Viscosity (25°C)	~ 720 cps
VOCs (ASTM D3960)	209 g/l

Process

1. iTPC Remover 37 comes ready-to-use. DO NOT dilute with water. Apply iTPC Remover 37 by non-atomizing spray, flow or brush. Spraying is the preferred method of application.
2. Allow iTPC Remover 37 to remain on the surface for 10 -30 minutes.
3. Following the elapsed time, rinse with water. Spraying is the preferred method of application.
4. Repeat Steps 2 and 3 to remove any remaining TPCs.



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Approvals/Testing

Approvals

SAE AMS7202 Type II Class I Temporary Protective Coating and Remover

Testing

Total Immersion Corrosion, 168 hours, Al 2024-T3 bare 7 anodized, Al 7075-T6 bare Ti, Mg, 4130 Steel (ref AMS7202)

ASTM F519 Hydrogen Embrittlement (ref AMS7202)

Sandwich Corrosion, 2024-T3 Bare + 8625 SAA, 2024-T3, 7075-T6 Bare + 8625 SAA, 7075-T6 Clad (ref AMS7202)

Effect on Unpainted Metal, Inconel, Ti (ref AMS7202)

Dissimilar Metal Corrosion (ref AMS7202)

Low-Embrittling Cadmium Plate Corrosion (ref AMS7202)

Effects on Polysulfide & Polythioether Sealant (ref AMS7202)

Effects on Rubber (ref AMS7202)

Effects on Painted Surfaces (MIL-PRF-23377 + MIL-PRF22750 Type II; MIL-PRF-23377 + MIL-PRF-85285 Type I, Class H (ref AMS7202)

Stress Cracking of Acrylic & Polycarbonate Plastics (ref AMS7202)

Effects on Polyamide Insulation Wiring (ref AMS7202)

Effects on Composites, < 5% Reduction in Interlaminar Shear Strength (ref AMS7202)

Suitability for Refinishing, Water break free surface (ref AMS7202)

Application Equipment

For Spraying

- High-pressure (5:1 or 10:1) air-activated pump with an inlet pressure between 80 to 110 psi.
- High-pressure hose
- Applicable trigger spray gun
- Lance or wand
- Fan-type spray nozzle

Contact your Vantage representative for a detailed list of application equipment.

Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Zero
Significant New Alternatives Policy (SNAP)	Approved
Hazardous Air Pollutant (HAP)	No

Vantage Specialties, Inc.

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Superfund Amendments and Reauthorization Act (SARA)	Not regulated
Resource Conservation and Recovery Act (RCRA)	Not regulated
National Emission Standards for Hazardous Air Pollutants (NESHAPs)	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.

Packaging

Available in 5 gallon pails and 55 gallon drums.

Shelf Life

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

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