

COR-BAN® 27L



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Product description: **CORROSION INHIBITING COMPOUND**

FEATURES:

- ▶ A non-drying corrosion inhibiting compound
- ▶ Consists of a thixotropic, buff colored film
- ▶ Used in the formulation of **Cor-Ban® 22**

KEY BENEFITS:

- ▶ User safe
- ▶ Low odor
- ▶ Consists of a working temperature range of -65°F to 180°F (-54 to 82°C)
- ▶ Reaches temperatures up to 280°F (138°C) (gearbox applications)
- ▶ Withstands brief exposure to temperatures as high as 500°F (260°C) with little impact on corrosion protective properties
- ▶ Non-toxic
- ▶ Wide temperature range
- ▶ Works on any metal surface
- ▶ Maintains a flexible protective coating that will withstand high ultra violet exposure in highly corrosive environments
- ▶ Contains no chromates, asbestos, MoS₂, graphite, or heavy metals
- ▶ Approved as a replacement for chromate containing non-curing pastes



Rev: 200740
05-05-2025



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Product description:

CORROSION INHIBITING COMPOUND

KEY BENEFITS (CONTINUED FROM PAGE 1):

- ▶ Yields a smooth, non-drying, even film that yields excellent corrosion resistance
- ▶ Coats intricate parts
- ▶ Exhibits an extremely smooth and uniform paste like consistency without any lumps or grit

SPECS:

- Airbus Canada A2MS 552-010 Type 2
- Airbus CML 06LGG5
- Boeing BMS 3-38B
- Boeing DPM 6498
- Boeing HMS 20-1267/2372
- Cessna CSNP038 Type X
- Embraer E9447580
- Embraer MEP-QPL-09-075
- Goodrich LGQP 5010E Type V
- Gulfstream GMS 4109 Rev C
- Liliium LD0004650
- Sikorsky SS 8689 REV 6 (-002)
- NSN: 6850-01-469-7645 (Quart (946 mL))
- NSN: 8030-01-531-7357 (5 fl oz. (148 mL) Tube)
- NSN: 8030-01-531-7355 (6 fl oz. (177 mL) Semco® Cartridge)
- T.O. 4S1-108-1
- T.O. 4S1-182
- T.O. 4W-1-61 (Gen Aircraft WheelMx)
- T.O. 1C-130JA23

APPLICATIONS:

- ✓ Available in a Semco® cartridge that fits into a standard pneumatic or ratchet sealant gun that is common in the industry as well as a collapsible tube for manual application and grease cartridges for use with a grease gun
- ✓ Apply by spatula or brush at reasonable ambient temperatures
- ✓ Speed application of **Cor-Ban® 27L** to parts by preheating **Cor-Ban® 27L** to 100 - 120°F (38-49°C)
- ✓ Apply at room temperature or at elevated temperature depending on the desired type of coverage



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APPLICATIONS (CONTINUED FROM PAGE 2):

- ✓ For in-service applications, please contact the appropriate manufacturer's service engineering for details
- ✓ Liquid application of **Cor-Ban® 27L** is available as **Cor-Ban® 22**
- ✓ **Cor-Ban® 27L** passes the lightning strike test
- ✓ Use **Cor-Ban® 27L** for all access panel fasteners, external antenna mounts, and additional applications
- ✓ Removal of the coating is achieved by wiping off all excess material and flushing part or wiping part with a rag soaked with **Sur-Prep® 3167**, **Sur-Prep® 3160**, the **Zip-Chem® D-5640NS/ZC-640** degreaser, or mineral spirits. MEK and other ketones will not remove **Cor-Ban® 27L** from the substrate
- ✓ Store **Cor-Ban® 27L** at 40°F to 100°F (4.4°C - 37.8°C) in the original unopened containers

PHYSICAL PROPERTIES:

- ▶ **Color:** Amber/Tan
- ▶ **Corrosion Resistance (ASTM B-117 Steel):** >4000 hrs
- ▶ **Drying Resistance: 7 days @ 160°F (71°C):** pass
- ▶ **Flow Point: No flow @ 160°F (71°C):** pass
- ▶ **Fungal Growth per Fed-STD-810 Method 508.7:** 0 (No Microbial Growth)
- ▶ **Low Temp Adhesion: <1/32" @ -65°F (-54°C):** pass
- ▶ **Film Thickness Test Results:** 2 mils (51 microns)

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Product description:

CORROSION INHIBITING COMPOUND

AVAILABLE PACK SIZES:

Cor-Ban® 27L

- ▶ Case of 12 of 5 fl oz (148 mL) Tubes-009402
- ▶ Case of 12 of 6 fl oz (177 mL) Semco® Cartridges-009403
- ▶ Case of 12 of 14 fl oz (414 mL) Grease Cartridges-009873
- ▶ Case of 12 each Quart (946 mL)-009405
- ▶ Case of 12 each Pint (473 mL) Cans-009404
- ▶ Case of 4 each Gallon (4 each of 3.8 Liter) Cans-009406
- ▶ 5 Gallon (18.9 Liter) Pail-002099
- ▶ Special Packaging Upon Request

Cor-Ban® 22

- ▶ Case of 12 of 16 fl oz (473 mL) Aerosols-007047
- ▶ Case of 24 of 4 fl oz (118 mL) Aerosols-103734
- ▶ Case of 4 each Gallon (4 each of 3.8 Liter) Cans-009400
- ▶ 5 Gallon (18.9 Liter) Pail-007049
- ▶ 55 Gallon (208 Liter) Drum-007050
- ▶ Special Packaging Upon Request

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Product description:

CORROSION INHIBITING COMPOUND

AVAILABLE PACK SIZES (CONTINUED FROM PAGE 4):

Sur-Prep® 3167

- ▶ Case of 12 of 16 fl oz (473 mL) Aerosols-103765
- ▶ Case of 4 each Gallon (4 each of 3.8 Liter) Cans-103762
- ▶ 5 Gallon (18.9 Liter) Pail-103763
- ▶ 55 Gallon (208 Liter) Drum-103764
- ▶ Special Packaging Upon Request

Sur-Prep® 3160

- ▶ Case of 12 of 16 fl oz (473 mL) Aerosols-010938
- ▶ Case of 4 each Gallon (4 each of 3.8 Liter) Cans-008578
- ▶ 5 Gallon (18.9 Liter) Pail-008579
- ▶ 55 Gallon (208 Liter) Drum-008580
- ▶ Case of 6 Canisters of Towelettes-100026
- ▶ Case of 100 Individual Towelettes-011844
- ▶ Special Packaging Upon Request



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AVAILABLE PACK SIZES (CONTINUED FROM PAGE 5):

D-5640NS

- ▶ 16 fl oz (473 mL) Aerosol-002070

ZC-640

- ▶ Case of 4 each Gallon (4 each of 3.8 Liter) Cans-009430
- ▶ 5 Gallon (18.9 Liter) Pail-002155
- ▶ 55 Gallon (208 Liter) Drum-008181
- ▶ Special packaging upon request

Note: The Semco® Cartridge is a registered trademark of PPG Aerospace



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