

COR-BAN® 27L



Page 1 of 4

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



Key Benefits Continued On Next Page

Rev: 20071L
05-30-2024

COR-BAN® 27L



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 552-00 Type 2
- Airbus Canada A2MS 565-006 Type Va
- 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

Applications Continued On Next Page

COR-BAN® 27L



Page 3 of 4

Product description:
**CORROSION INHIBITING
COMPOUND**

APPLICATIONS CONTINUED FROM PAGE 2

- ✓ 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
- ✓ 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 **Zip-Chem® Sur-Prep® 3160**, the **D-5640NS Degreaser**, **Sur-Prep® 3167**, or mineral spirits. MEK and other ketones will not remove **Cor-Ban® 27L** from the substrate

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

Physical Properties Continued On The Next Page

COR-BAN® 27L



Product description:
**CORROSION INHIBITING
COMPOUND**

PHYSICAL PROPERTIES CONTINUED FROM PAGE 3:

- ▶ **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)

AVAILABLE PACK SIZES:

- ▶ 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

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