

Cor-Ban®

CORROSION INHIBITING COMPOUNDS

COR-BAN® 27L



Product description:
**CORROSION INHIBITING
COMPOUND BMS 3-38B**

FEATURES:

- ▶ A non-drying corrosion inhibiting compound
- ▶ Consists of a thixotropic, buffcolored 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
- ▶ Free from heavy metals
- ▶ 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, or graphite
- ▶ Approved as a replacement for chromate containing non-curing pastes



Rev: 20066E
03-25-2022

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CORROSION INHIBITING COMPOUND BMS 3-38B

KEY BENEFITS:

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

SPECS:

- Airbus CML 05-133
- BMS 3-38B
- CSNP038 Type X
- DPM 6498
- Embraer E9447580
- GMS 4109 Rev C
- HMS 20-1267/2372
- LGQP 5010E Type V
- MEP-QPL-09-075
- 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)
- SS 8689 REV 6 (-002)
- T.O. 4S1-108-1
- T.O. 4S1-182
- T.O. 4W-1-61

APPLICATIONS:

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

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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
- ▶ **Density:** 7.41 lbs/gal (1 g/ml)
- ▶ **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
- ▶ **Recommended Dry Film Thickness:** 2 mils (51 microns)



For more information contact us :
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Part of



ADDEVMATERIALS

COR-BAN[®] 27L



Product description:

CORROSION INHIBITING COMPOUND BMS 3-38B

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 4 each Gallon (4 each of 3.8L) Cans-009406
 - ▶ Case of 12 of 14 fl oz (414 ml) Grease Cartridges-009873
 - ▶ Case of 12 each Pint (473 ml) Cans-009404
 - ▶ Case of 12 each Quart (946 ml)-009405
 - ▶ 5 Gallon (18.9 L) Pail-002099
 - ▶ Special Packaging Upon Request
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Note: The Semco[®] Cartridge is a registered trademark of PPG Aerospace