

Cee-Bee® B-55

Cee-Bee® B-55 is a thickened, acidic, heavy-duty oxidation remover and aluminum conditioner.

Conforms To

- AMS
 - 1640B
- Boeing
 - BAC 5765
 - D6-17487 Rev. P
 - Ltr. 6-7161-4-9640
 - Service Letter (737,747,757,767,777)
- Douglas
 - DPM 1112-3
- Fairchild-Hiller
 - F-27 & FH-227
- General Electric
 - C04-23
- Goodrich & Messier
 - PDA 04-048
 - PDA 02-115
- Lockheed Martin

Benefits

- Effectively removes surface oxidation and corrosion.
- Can be used to remove anodized coatings.
- Rapidly removes carbon from aluminum and stainless steel.
- Free rinsing.
- Thixotropic - clings to inclined and vertical surfaces.
- Safe on most soundly bonded paints which contain no aluminum pigment, most plastics (including Plexiglas), and most electrical insulation.
- Produces no toxic fumes.
- Contains no chromates or other heavy metal salts.
- Surfactants biodegradable.

Properties

- Thick, colorless liquid with mild odor
- pH below 2

Notes Prior to Handling

Before using your Cee-Bee® products, all safety and operating instructions should be read and understood. If you have any questions, please contact your Cee-Bee® representative before proceeding.

Use Procedure

Oxidation, Corrosion, and Carbon Removal

1. Use Cee-Bee® B-55 undiluted or mixed with up to four (4) parts water.
2. Starting at the lowest point on the surface, apply a uniform film of Cee-Bee® B-55 using mop, brush, roller or non-atomizing spray equipment.
 - a. Start at the lowest point on the surface to be treated and work upward.
3. Allow to react for 5 to 15 minutes, then agitate with a soft bristle brush.
4. Rinse with flowing water starting at the highest point on the surface and working downward.
5. If smutting occurs, immediately apply Cee-Bee® A-601 1-2 oz/gal (4-15 g/liter) or Cee-Bee® A-601L with a mop, brush, or non-atomizing spray equipment, starting at the lowest point on the surface and working upward. Immediately agitate with a soft bristle brush and rinse with flowing water starting at the highest point on the surface and working downward.

Prepaint Preparation for Aluminum

1. Use Cee-Bee® B-55 undiluted or mixed with up to four (4) parts water.
2. Starting at the lowest point on the surface, apply a uniform film of Cee-Bee® B-55 using mop, brush, roller or non-atomizing spray equipment.
 - a. Start at the lowest point on the surface to be treated and work upward.
3. Allow to react for 5 to 15 minutes, then agitate with a soft bristle brush.
4. Rinse with flowing water starting at the highest point on the surface and working downward.
5. If smutting occurs, immediately apply Cee-Bee® A-601 1-2 oz/gal (4-15 g/liter) or Cee-Bee® A-601L with a mop, brush, or non-atomizing spray equipment, starting at the lowest point on the surface and working upward. Immediately agitate with a soft bristle brush and rinse with flowing water starting at the highest point on the surface and working downward.
6. As soon as surface is thoroughly dry, begin painting operation. If painting is delayed for more than four hours, or if surface is contaminated with grease and dirt, reapply Cee-Bee® B-55.

Removal of Anodized Coatings

1. For removing anodized coatings, use Cee-Bee® B-55 undiluted.
2. Reapply as necessary until the coating is uniformly removed.
3. Stripped anodized surfaces can be polished immediately after rinsing.

Safety, Handling, and Precautions

- **WARNING!** Contains hydrofluoric acid.
- Avoid any contact with eyes and skin. Will cause severe burns which may not be immediately painful or visible.
- Wear rubber gloves and safety glasses, goggles or face shield. Some form of eye protection is always essential. For large scale operation, wear full wash rack gear.
- Use with adequate ventilation.
- Do not take internally.
- In case of accidental contact, immediately flush affected area with water for at least 30 minutes while removing contaminated clothing. If irritation persists, seek medical attention promptly. Wash clothing before reuse.
- For ingestion, immediately administer large quantities of water and seek medical attention promptly. Do not induce vomiting.
- Cee-Bee® B-55 will attack magnesium, anodized aluminum, titanium and cadmium plated surfaces.
- High strength steels are embrittled by Cee-Bee® B-55. Parts, such as jet aircraft landing gears, flap brackets and tracks, must be thoroughly masked to avoid contact.
- Cee-Bee® B-55 and rinse water containing Cee-Bee® B-55 will etch glass. The cockpit windows should be masked to avoid contact. Aluminum foil and foil-backed masking tape are acceptable.
- Do not mix or store Cee-Bee® B-55 solutions in galvanized containers.
- Viscosity of Cee-Bee® B-55 slowly drops during storage. Maintain storage temperature below 80°F (26°C) to minimize rate of viscosity reduction.
- Avoid damage to containers. Keep bung tight to prevent leakage. Before removing bung, loosen slowly to relieve internal pressure.
- Treatment of severe pitting and exfoliation, or intergranular corrosion with Cee-Bee® B-55 is not recommended. For these severe forms of corrosion, mechanical, rather than chemical removal is recommended.

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