

# CEE-BEE BRIGHTENER B-55

by Cee-Bee®



## data sheet

**CEE-BEE BRIGHTENER B-55** is a thickened, acidic, heavy-duty oxidation remover and aluminum conditioner.

### BENEFITS

- Effectively removes surface oxidation, corrosion and anodized coatings.
- Rapidly and completely removes surface oxidation and corrosion.
- Rapidly removes carbon from aluminum and stainless steel.
- Free rinsing - readily removed from the surface with flowing water.
- 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. Non-flammable.
- Contains no chromates or other heavy metal salts.
- Surfactants biodegradable.

### CONFORMS TO

- **AMS 1640B**
- **BOEING D6-17487, REVISION P**
- **BOEING LTR. 6-7161-4-9640**
- **DOUGLAS DPM 1112-3**
- **GENERAL ELECTRIC C04-023**
- **LOCKHEED LAC 32-241**

**NOTE: To place an order, call or FAX Customer Service at  
800-932-7006 / FAX 1-216-441-1377  
Cee-Bee Brightener B-55 Product Code # 22009**



## NOTES PRIOR TO HANDLING

**Before using your McGean-Rohco, Inc. products, all safety and operating instructions should be read and understood. If you have any questions, please contact your McGean-Rohco representative before proceeding.**

## USE PROCEDURES

1. For oxidation, corrosion and carbon removal.
2. For prepaint preparation for aluminum.\*
3. Removal of anodized coatings. \*\*

- Use undiluted or mixed with up to four (4) parts water.
- Starting at the lowest point on the surface apply a uniform film of brightener using mop, brush, roller or non-atomizing spray equipment.
- Allow to react for 5 to 15 minutes, then agitate with a soft bristle brush.
- Rinse with flowing water starting at the highest point on the surface and working downward.

If smutting occurs, immediately apply Cee-Bee A-601 (1 to 2 oz/gal) 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.

\* A painting operation should begin as soon as the surface is thoroughly dry. If painting is delayed for more than 4 hours, or if the surface is contaminated with grease or dirt, reapply Cee-Bee B-55.

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

## **PROPERTIES**

- Thick, colorless liquid. pH below 2. Mild odor.
- No flash point.

## **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 absolutely essential. For a 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 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.