

## MILITARY / COMMERCIAL AVIATION



**Penetone 1112A** is a ready-to-use carbon remover and aircraft thrust reverser, aft sleeve and bare metal component cleaner that has passed the effects on metals section of MIL-PRF-87937C.

Designed to remove tough carbon deposits, **Penetone 1112A** will also remove enamel paints. Although designed as a ready-to-use product, **Penetone 1112A** can be used diluted.

## FEATURES AND BENEFITS

- Ready to use
- Safe on most metals
- Removes carbon
- Mild odor
- High flash point (> 210°F)

### Use procedures

#### Carbon Removal

**Penetone 1112A** is ready to use. Do not add solvent or water. Fill cleaning bath to a reference mark with fresh compound. Before soaking item, remove loose grease, dirt and oil with a degreasing solvent. Place objects to be cleaned in a wire basket or hang them by a wire so as to be off the bottom and completely immersed. Soak for 2 to 16 hours as needed at temperatures up to 130°F and rinse with water or solvent. Brush with a stiff brush under hot water for complete removal.

#### Thrust Reverser, Aft Sleeve and Bare Metal Component Cleaning

Refer to directions in Technical Order 1C-135(K)A-3-4 or other applicable technical order. Use **Penetone 1112A** as supplied to 1:20 to remove soils. Apply by coarse spray or bucket and brush, agitate with abrasive pads and follow with a water rinse.

# PENETONE® 1112A

## MULTI METAL SAFE CARBON REMOVING COMPOUND

### PHYSICAL PROPERTIES

Appearance	Clear liquid
Odor	Glycol ether
pH	12-12.5
Freezing Point	About 25°F
Boiling Point	About 212°F
Flash Point (TCC)	None to boil
Relative Density	0.99
Auto-Ignition Temperature	Not determined
Water Solubility	Complete
Viscosity	Less than 5 CP at room temperature

### INCOMPATIBILITY

Strong acids, strong oxidizers.

### WAREHOUSING PRECAUTIONS

Store locked up. Keep container tightly closed when not in use.  
Do not store in direct sunlight.  
Avoid storing above 120°F (49°C).

### APPROVALS

P-C-111DTy II, MIL-PRF-87937 Corrosion

### AVAILABLE SIZES

5 gallon Pail

55 gallon Drum

### FIRST AID MEASURES

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a local Poison Control Center, doctor, physician or other competent medical authority for medical advice. Penetone recommends that after any eye exposure a physician be seen immediately.

**If swallowed:** Rinse mouth. DO NOT INDUCE VOMITING. Immediately call a poison center, doctor, physician or other competent medical authority for medical advice.

**If inhaled:** Remove person to fresh air and keep comfortable for breathing. Immediately call a local Poison Control Center, physician, or other competent medical authority for medical advice.

**If on skin (or hair):** Take off immediately all contaminated clothing. Rinse skin with water or shower. A mild soap may be used to wash skin. Wash contaminated clothing before reuse. Immediately call a local Poison Control Center, doctor, physician or other competent medical authority for medical advice.

### PERSONAL PROTECTION Security equipment



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**IMPORTANT:** Before using **PENETONE 1112A**, always be sure to read and follow precautions and directions for use appearing on the product container label and on the safety data sheet (S.D.S).



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