

**FORCE
INDUSTRIES
DIVISION**

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PRODUCT INFORMATION

AMCO 4859

(655)

General Characteristics & Uses: *AMCO 4859* is a blend of flux and galvanizing metal powders. It is designed to deposit a galvanized coating when applied on ferrous metals and then heated to about 780 to 850 °F. *AMCO 4859* is ideally suited for repairing damaged galvanized coating or as an aesthetically attractive protective surface on pipe threads, metal components and coil or wire ends. After heating *AMCO 4859* leaves a bright metal surface. Before using, the product is mixed with alcohols such as isopropyl or methyl alcohol and then brushed on the area to be repaired.

Properties

Appearance: Black powder, hygroscopic

Odor: None

Specific Gravity @ 72 °F: 4.15 - 4.3

Weight per Gallon: 35.15 lbs

Direction for Use

1. Mix 70 parts *AMCO 4859* with 30 parts alcohol. Mix continuously until temperature drops to room temperature. If resulting viscosity is too thick for application, thin down with alcohol. Do not use rubbing alcohol.
2. With a brush, apply the material on to the metal surface to be coated.
3. Heat the metal or spot until the bright metal coating appears and spreads.
4. Remove heat. Cool and rinse off the residue with water.

NOTES

1. When thinned, the product is easier to brush on but will require more of the product to deposit sufficient solids. Thicker viscosity will be harder to spread with a brush but will require less of the product.
2. Viscosity will dictate thickness or amount of material applied to the ferrous metal and will affect process application and product yield.

Storage: Keep in a cool, dry place. Seal all containers tightly after use. Surface drying may occur but this can be dispersed by mixing.

Packaging: 35 lb pail

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