

## B AEROSOL WASH AND C INSULATION SPRAY

### DESCRIPTION AND USE

#### 1. GENERAL

**1.01** This practice covers the description and use of B aerosol wash (AT-9020) and C insulation spray (AT-9014). The wash and spray are used to treat damaged PIC (polyethylene insulated conductor) cable.

**1.02** Whenever this practice is reissued, the reasons for reissue will be given in this paragraph.

#### 2. PRECAUTIONS

**2.01** Do not use the spray near flames, sparks, or hot surfaces.

**2.02** Do not smoke when working with the spray.

**2.03** The wash and spray should be used with adequate ventilation.

**2.04** When using the wash and spray, wear eye protection.

**2.05** Do not use the wash and spray on wet conductors.

**2.06** Store the wash and spray in an area where the temperature remains between 50°F and 120°F. Warm the can prior to use when the temperature is less than 60°F.

**2.07** Avoid prolonged or repeated contact with the liquid or vapor.

**2.08** Do not use the wash and spray on 76-type terminal blocks.

#### 3. DESCRIPTION

**3.01** The B aerosol wash is composed of freon and anhydrous isopropyl alcohol. The wash is furnished under pressure in a 16-ounce can with a valve that allows the wash to be sprayed from any angle. An extension tube is provided to increase washing action.

**3.02** The C insulation spray (Fig. 1) is a composition of drying oils, a phenolic resin, and mineral spirits. The spray is furnished under pressure in a 7-ounce can with an actuator nozzle. A spare nozzle is supplied under the cap.

#### 4. USE

**4.01** Separate the individual conductors as much as possible. It is not necessary to remove binder identification ties. If the wirework is dusty or contains spiderwebs, insects, etc., clean the wirework with a soft brush.

**4.02** Spray the wires with the B aerosol wash (AT-9020) to wash off any debris that may be on the wirework. The extension tube should be used to direct the stream of the wash. Let the wirework dry for a few minutes before applying the insulation coat.

**4.03** Apply the C insulation spray holding the can about 10 inches from the wirework and spraying evenly over the entire bundle of wires. Ensure that all wires are completely covered with the insulation spray. If excess spray is applied, the spray will run and drip. Adjust the spray pattern by turning the actuator nozzle on the can (Fig. 2).

**4.04** Drying time will vary with temperatures, but it will take about 1-1/2 hours at 70°F. It is not

necessary to wait for the coating to dry before replacing the terminal cover. The insulation spray will have a glossy finish when dry.

4.05 If a film forms on the nozzle, it can be removed with a knife blade. The nozzle can be washed with B aerosol wash to prevent clogging.

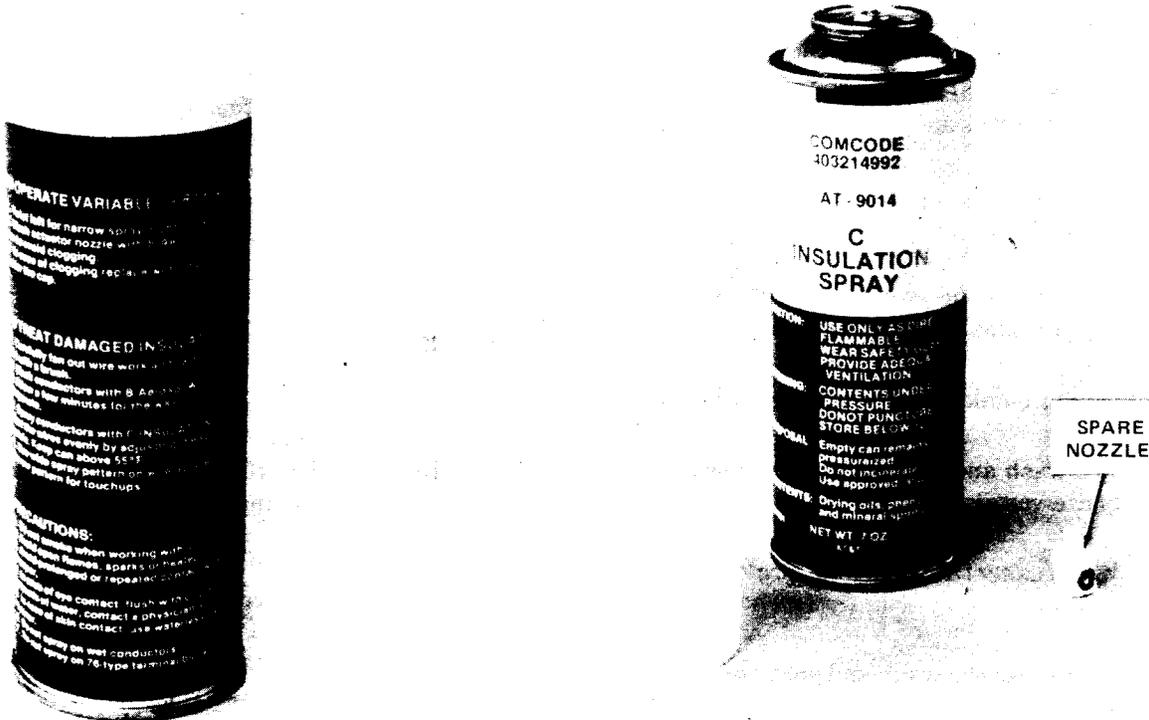


Fig. 1 — C Insulation Spray

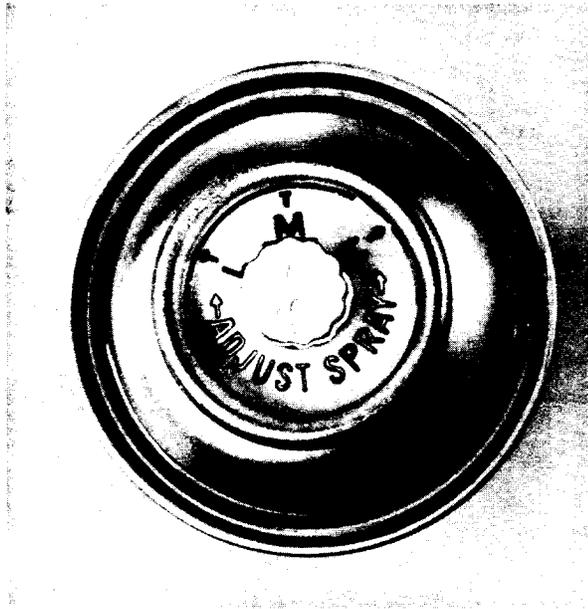


Fig. 2—Actuator Spray Nozzle