

ENGINEERING MATERIAL SPECIFICATION

Material Name

Specification Number

CLEANER POLISH - LIQUID - SILICONE

ESR-M11B26-A

1. SCOPE

The material defined by this specification is a cleaner polish containing a petroleum distillate solvent with silicones, emulsifiers, polishing abrasives and water.

2. APPLICATION

This specification was released originally for material used as a cleaner polish for new cars, but is suitable for all types of automotive painted surfaces.

3. REQUIREMENTS

3.1 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

Material suppliers and part producers must conform to the Company's Standard Requirements For Production Materials (WSS-M99P1111-A).

3.2 The material must be of a liquid nature and easily shake to an emulsion. It must not pack hard at the bottom of the container during storage.

3.3 It must not contain any material detrimental to the finish as determined by placing a spot of the cleaner on enameled, varnished or lacquered surfaces and allowing to remain for 24 hours at room temperature, 23 +/- 2 °C. After removing, the cleaner polish must not leave any stain or cause bleaching.

3.4 The abrasive shall be sufficiently graded so that the cleaner polish shall be speedy in action without removing excessive amount of color.

3.5 Any additives must be harmless, free from all mineral acids, but preferably neutral.

3.6 ODOR Not Unpleasant

3.7 COLOR Light Brown

3.8 FORM Viscous Liquid

3.9 SPECIFIC GRAVITY, at 15°C 0.98 - 1.05
(ASTM D 1298)

3.10 ALKALINITY, pH 8.0 - 9.6
(ASTM E 70, 1% Solution)

Date	Action	Revisions
2002 08 19	Revised	Updated and renumbered
1978 11 17		Metricated and retyped CPH-22 RD-815800-2
1965 07 01		Released R02-719

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3.11 NON-VOLATILES, wt. 18.5% - 24.0%
(24 hours at 104 °C)

3.11.1 Polishing Abrasives, wt. max 15.1%

The abrasive used in this compound shall be powdered silica or that type of abrasive which shall be suitable for the purpose intended.

3.11.2 Silicone Fluid, wt. min 10.0%

3.12 VOLATILES, wt. max 81.5%

3.12.1 Water, wt. max 62.0%
(K.F.R. Method)

3.12.2 Solvent, wt. min 15.5%

3.12.3 Type Petroleum Distillate

3.13 ASH, 760 °C, wt. max 15.3%

3.14 LABELING

3.14.1 Provisions of this specification are applicable when material is used according to labeling directions. Any precautions involved in the use of the material must be clearly stated on the product label.

3.14.2 The label(s) for the material(s) must comply to the Federal Hazardous Substances Act and all other provisions under the Consumer Product Safety Commission and all other applicable federal, state and local regulations. Supplier shall furnish the affected product engineering office with the label(s).

3.14.3 Supplier shall furnish certification that the composition of his product has been examined and that the label recommended is in compliance with the Federal Hazardous Substances Act and all other provisions under the Consumer Product Safety Commission. Completed Material Health and Safety Data Sheets and Hazardous Substances Data Sheets must be submitted by the supplier to the Ford Motor Company toxicologist.

3.14.4 If applicable, supplier shall furnish a copy of the laboratory report wherein the product was evaluated under the procedures required by the Federal Hazardous Substances Act.

3.14.5 Supplier must furnish detailed application instructions and specific usage information for container labels. This portion of the label information must be approved by the affected product engineering office.

3.14.6 If the label submitted by the supplier contains any advertising claims, suitable corroborative testing data must also be furnished. Such claims and data are encouraged.