



ENGINEERING MATERIAL SPECIFICATION

Material Name

Specification Number

THINNER

SK-M14J9571-B

1. SCOPE

The material defined by this specification is a thinner.

2. APPLICATION

In general the material is used to dilute the metallic twocoat repair enamel SK-M1J9553-A.

3. REQUIREMENTS

3.1 COMPOSITION

Blend of esters, alcohols, and aromatic hydrocarbons.

3.2 DENSITY at 20 C
(ASTM D 1298)

0.869 - 0.872 g/cm3

3.3 DISTILLATION RANGE
(ASTM D 1078)

127 - 163 C

3.4 FLASH POINT
(ASTM D 56)

25 +/- 2 C

3.5 REFRACTIVE INDEX
(ASTM D 1218)

1.4624 - 1.4632

3.6 COLOR

Water white

3.7 TOXICITY

The material shall conform to the safety regulations applicable to the plant and/or country where the material shall be used and has to be labeled accordingly if necessary. Further the material shall not have an obnoxious or objectionable odor.

3.8 SHELF STABILITY

Minimum 2 years as supplied in the closed original container.

Date	Release No.	Released
1994 12 19		Revised and Retyped was: 3 pages
1981 11 09	SM/EQ8875 TP	Released

WP 3948-a

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3.9 SUPPLIER'S RESPONSIBILITY

All materials supplied to this specification must be equivalent in all characteristics to the material upon which approval was originally granted.

Prior to making any change in the properties, composition, construction, color, processing or labeling of the material originally approved under this specification, whether or not such changes affect the material's ability to meet the specification requirements, the Supplier shall notify Purchasing, Toxicology and the affected Materials Engineering activity of the proposed changes and obtain the written approval of the Materials Engineering activity. Test data, test samples and a new code identification are to be submitted with the request.

Substance restrictions imposed by law, regulations or Ford, apply to the materials addressed by this document. The restrictions are defined in Engineering Materials Specification WSS-M99P9999-A1.

4. APPROVAL OF MATERIALS

Materials defined by this specification must have prior approval by the responsible Materials Engineering activity. Suppliers desiring approval of their materials shall first obtain an expression of interest from the affected Purchasing, Design and Materials Engineering activity. Upon request, the Supplier shall submit to the affected Materials Engineering activity a completed copy of their laboratory test reports, signed by a qualified and authorized representative of the test facility, demonstrating full compliance with all the requirements of this specification (test results, not nominal values), the material designation and code number, and test specimens for Ford evaluation. Ford's engineering approval of a material will be based on its performance to this specification and on an assessment of suitability for intended processes and/or applications. Upon approval, the material will be added to the Engineering Material Approved Source List.