



ENGINEERING MATERIAL SPECIFICATION

Material Name

Specification Number

SYNTHETIC BAKING ENAMEL, INTERIOR QUALITY

SK-M21J9550-B

1. SCOPE

The material defined by this specification is a synthetic baking enamel, interior quality, for wet on wet application over SK-M6J9556-A primer or equivalent. The material must be suitable for pneumatic as well as for electrostatic application.

2. APPLICATION

The material is generally used for decorative paints of interior areas of bodies.

3. REQUIREMENTS

According to SK-M21J9550-A, but without requirements of clause 3.7.

3.1 RESISTANCE TO WATER
(FLTM EU-BI 13-1)

Maximum discoloration 0.3 NBS units.

3.2 FASTNESS TO LIGHT
(FLTM EU-BU 1-1)

120 SFH, Rating 5

After exposure the test panel shall not show any fading. Rating 5 of AATCC grey scale must be obtained.

Change of gloss and spotting are not permitted.

3.3 SUPPLIER'S RESPONSIBILITY

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

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1994 12 19		Revised and Retyped was: 3 pages
1981 08 04	SM/EQ8822 TP	Released

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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.