



ENGINEERING MATERIAL SPECIFICATION

Material Name

Specification Number

DECORATIVE PAINT, AIR DRYING, BLACK

SK-M1J9566-A

1. SCOPE

The material defined by this specification is a semigloss black, air drying paint suitable for application on automotive finishes.

2. APPLICATION

The material is used as specified by the responsible Engineering system for decorative painting of interior and restricted exterior body areas non-visible or partially visible, e.g. wheel house, lower flange of rocker panel.

3. REQUIREMENTS

3.1 COMPOSITION

3.1.1 Vehicle

Physical drying synthetic resins. Nitrocellulose is not permitted.

3.1.2 Toxicity

Contents of toxic components, e.g. benzene, chlorinated hydrocarbons, lead compounds, etc., shall conform to the safety regulations currently prevailing in the plant and/or country where the material shall be used.

3.2 PHYSICAL PROPERTIES

3.2.1 Non-Volatile
(FLTM EU-BI 2-1)

According to initial sample report +/- 1.0 %.

3.2.2 Package Viscosity
(FLTM EU-BI 11-1)

According to initial sample report +/- 5 second FC-4, 25 C but minimum 60 second FC-4, 25 C.

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1994 12 19		Revised and Retyped, was 9 pages
1982 08 02	SM/EQ9070TP	Released

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Page 1 of 5

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3.2.3 Density
(FLTM EU-BI 2-2)

According to initial sample report +/- 0.02.

3.2.4 Flash Point

The flash point shall conform to the safety regulations applicable to the plant and/or country where the material shall be used.

3.2.5 Compatibility

The material must be of such compatibility that it can be reduced with S-M14J9556-A.

3.2.6 Hiding Power Dry
(FLTM EU-BI 1-5)

Reducer	S-M14J9556-A
Viscosity	20 second FC-4/25 C

Complete visual hiding over substrate at a maximum dry film thickness of 15 micrometre.

3.2.7 Shelf Stability

During a storage of 3 months at room temperature the material as received shall not gel or liver upon standing and must be free from settling which cannot be dispersed by normal agitation. The viscosity of the material shall not increase in excess of 40 seconds when tested according to FLTM EU-BI 2-3.

3.3 PREPARATION OF TEST PANELS
(FLTM EU-BI 3-2, Section Bb)

3.3.1 Stone Peck Protective SK-M99J9587-A/B
(If applicable)

After electrocoat bake one half of the test panels have to be treated as follows:

Application of stone peck resistant material SK-M99J9587-A/B to a dry film thickness of approximately 100 +/- 10 micrometre by suitable spray method.

After a flash off time of 1 minute spray a full hiding coat (approximately 20 micrometre) of SK-M6J9556-A or approved equivalent, spray primer of current production. After 3 minutes flash off time bake according to material specification requirements; further process of top coat application according to FLTM EU-BI 3-2, Method Bb.