



ENGINEERING MATERIAL SPECIFICATION

Material Name

Specification Number

ADHESION PROMOTER, SILANE

SK-M2G9524-A

1. SCOPE

The material defined by this specification is a cleaner and adhesion promoter, silane base.

2. APPLICATION

This material was originally released for preparing of bonding areas on glass, e.g. before application of glass primer according to SK-M2G9525-A, or adhesive according to ESK-M2G275-A/276-A.

3. REQUIREMENTS

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|-----|--|-------------------------------|
| 3.1 | COLOR | Colorless |
| 3.2 | DENSITY at 20 C
(ASTM D 1475) | 0.65 - 0.85 g/cm ³ |
| 3.3 | SOLIDS, min
(FLTM AU 101-01) | 0.6 % |
| 3.4 | ASH, max
(FLTM AU 101-01) | 52 % |
| 3.5 | VISCOSITY | Water like |
| 3.6 | INFRARED SPECTROPHOTOMETRY AND/OR THERMAL ANALYSIS | |

Ford Motor Company, at its option, may conduct infrared and/or thermal analysis of material/parts supplied to this specification. The IR spectra and thermograms established for initial approval shall constitute the reference standard and shall be kept on file at the designated material laboratory. All samples shall produce IR spectra and thermograms that correspond to the reference standard when tested under the same conditions.

3.7 QUALITY

The material shall be of uniform quality free from foreign material and properties detrimental to normal production use.

Date	Release No.	Released
1994 11 29		Revised and Retyped was: 6 pages
1993 04 01	EPOOE10258873000	Revised Sheet 2
1979 07 12	SM/EQ 8582 TP	Released

WP 3948-a

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3.8 SUBSTANCE CONTROL

Legal, health, safety and environmental constraints may apply to the materials which are submitted for approval to this specification. Refer to Engineering Material Specification SK-M99P9999-A.

3.9 SOURCE OF SUPPLY

This material must be bought from the same supplier as the materials according to SK-M2G9525-A, SK-M2G9538-A, SK-M2G9539-A, ESK-M2G275-A/276-A, if they have to be used in connection with this material.

3.10 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.