| Material Name | Specification Number |
|---|---|
| THINNER, SUEDE COATING | WSK-M14J246-A<br>WSK-M14J246-A2 |

1. SCOPE

The materials defined by these specifications are mixtures of organic solvents.

2. APPLICATION

These specifications were originally released for material used as thinner for paint and primer of the "Suede Coating" paint system.

3. REQUIREMENTS

3.1 STATISTICAL PROCESS

Suppliers must conform to the requirements of Ford Quality System Standard Q-101. A mutually acceptable Control Plan as described therein is required for material/source approval. Appropriate statistical tools must be used to analyze process/product data so that variation in the final product is continuously reduced.

3.2 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.

3.3 COMPOSITION

WSK-M14J246-A:

Mixture of organic solvents.

WSK-M14J246-A2:

| | |
|---|---|
| n-Butyl Acetate | 47 % |
| Methyl Ethyl Ketone | 48 % |
| Diacetone Alcohol | 5 % |

| Date | Release No. | Release/Revision |
|---|---|---|
| | | |
| 1993-01-04 | EP00E10258796000 | Added A2, Updated 3 & 4 KW, DG |
| 1991-06-03 | EP00E01089485000 | Released KW conc. J.Schult |



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| 3.4 PROPERTIES | | A | A2 |
|---|---|---|---|
| 3.4.1 | Density at 20 C, g/mL (ASTM D 1475) | 0.865 - 0.875 | 0.835 - 0.845 |
| 3.4.2 | Flash Point, C (ASTM D 56) | > 21 C | - 7 |
| 3.4.3 | Refractive Index (ASTM D 1218) | 1.417 - 1.427 | 1.389 - 1.391 |
| 3.4.4 | Color | Colorless | Colorless |

3.5 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 changes in the properties, composition, construction, color, processing or labelling of the material originally approved under this specification, whether or not such changes affect the materials' 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 Material 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.



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