



ENGINEERING MATERIAL SPECIFICATION

Material Name

Specification Number

HARDENER, STONE PECK PROTECTIVE TOPCOAT, REPAIR

WSK-M99J368-A

1. SCOPE

The material defined by this specification is a Lewis acid.

2. APPLICATION

This specification was released originally for material used as hardener for one pack stone peck resistant topcoat WSK-M99J367-A in case of 100 C repair.

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

"Lewis" acid based catalyst.

3.4 NON-VOLATILE, min.

20 %

3.5 STORAGE STABILITY

90 days

During a storage of 90 days between 5 and 32 C temperature the material as supplied shall not change properties and the aged material must pass all specification requirements.

3.6 MIXING RATIO

Mixing ratio with topcoat WSK-M98J367-A as specified by the supplier, preferred ratio: 3 - 5 %.

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1991-01-02	C01089480	Released KW conc. J.Schult

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3.7 QUALITY

If paint material (e.g. stone peck resistant topcoat WSK-M99J367-A) is used in combination with this hardener, the resulting paint must meet all requirements of that Material Specification.

3.8 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, unless a different suffix (e.g., A2 or A3) is specified on the engineering document for the application.

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 its own laboratory report to the specification (test results, not nominal values), the material designation and code number, and test specimens for Ford evaluation. Upon approval, the material will be added to the Engineering Material Approved Source List.