

State of Louisiana
Department of Transportation and Development (DOTD)
Materials and Testing Section Approved Materials Procedure
for

ADHESIVE LUBRICANT FOR PREFORMED ELASTOMERIC SEALS

MATERIAL SPECIFICATION REFERENCE:

DOTD Standard Specifications, Subsections 601.03.8.3, 1005.03.2, ASTM D4070, Supplemental Specifications and Special Provisions.

APPROVED MATERIAL EVALUATION SUBMITTAL:

The manufacturer shall submit a completed Approved Materials Evaluation Submittal to the DOTD Materials and Testing Section Coordinator listed below.

PRELIMINARY REQUIREMENTS:

The complete submittal must include:

- Complete Approved Materials Evaluation Form
- Letter requesting evaluation of the material
- Product Data Sheets
- Safety Data Sheet (SDS)
- Manufacturer's specifications
- Independent Laboratory Test Results
- Sample

NOTE: Evaluation will not begin until all required items listed above are received by the Materials Laboratory

Certifications and/or Test Reports

The manufacturer shall provide a Certificate of Analysis (CA) reporting actual test results of the material submitted in accordance with ASTM D4070.

Product Data Sheets shall provide all pertinent information relative to the material, including but not limited to:

- Manufacturer's specifications
- Agitation time
- Intended use of the material
- Shelf life
- Typical analysis
- Dilution rate
- Material used in dilution
- Recommended application procedure
- Application rate

PRELIMINARY REQUIREMENTS CONTINUED:

Sample (to be furnished at no cost to the Department)

The manufacturer shall submit a one (1) gallon sample of the material to the Materials Testing Section for evaluation.

TEST REQUIREMENTS:

Laboratory Testing

The approval sample will be tested in accordance with ASTM D4070.

Field Evaluation

The Department may require a field evaluation to ensure satisfactory installation and performance of the material prior to placement on the Approved Materials List (AML). The compatibility of the material in reference to bonding of materials for a period of time will be a factor in acceptance of the product.

Evaluation Time (3 Months)

GENERAL:

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the material will or will not be added to the Approved Materials List (AML). The DOTD Materials and Testing Section Coordinator shall be notified in writing of any change from the original material submittal. The Department reserves the right to re-evaluate any material at any time. A Certificate of Analysis (CA) of the material shall be submitted every two (2) years to the DOTD Materials and Testing Section Coordinator to remain on the AML.

It is also the manufacturer's responsibility to supply the contact information of the representative responsible for the material to the Materials Section Coordinator to remain on the AML. This is done by completing the Approved Materials Evaluation Form every two (2) years or when there is a change in the manufacturing representative responsible for the material.

PROJECT ACCEPTANCE REQUIREMENTS:

The inclusion of any material on the AML is not blanket approval for its use. All materials, regardless of prior approval, shall be sampled in accordance with the Materials and Sampling Manual.

DISQUALIFICATION AND REMOVAL:

Any material may be removed from the AML at any time. Causes for removal from the AML may include, but are not limited to the following:

- Non-conformance with specifications
- Performance requirements
- Failure to notify the Department of any change in material formulation
- Failure of the supplier to provide proper certifications as required by this procedure
- Failing test results obtained by the Materials Section of project verification samples
- Failure to supply current contact information for the material representative in accordance with this procedure

REQUALIFICATION:

Any material which has been disqualified and/or removed from the AML will be considered for re-evaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification and/or removal have been resolved.

DOTD MATERIALS AND TESTING SECTION COORDINATOR:

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Approved 05/24/17



BRIAN OWENS, P.E.
DOTD MATERIALS ENGINEER ADMINISTRATOR