

MARYLAND DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF MATERIALS TECHNOLOGY  
7450 Traffic Drive, Building #4  
Hanover, MD 21076

**PROCEDURE FOR THE QUALIFICATION OF  
JOINT SEALANT AND CRACK FILLER**

The Maryland Department of Transportation State Highway Administration (MDOT-SHA) maintains a Qualified Products List (QPL) of Joint Sealants and Crack Fillers. These materials shall conform to [911.01](#) of MDOT-SHA's Standard Specifications for Construction and Materials.

To qualify for this category:

1. The manufacturer places the candidate material on a test deck of the National Transportation Evaluation Program (NTPEP) <https://transportation.org/product-evaluation-and-audit-solutions/> NTPEP qualification requirements are listed in the online NTPEP JS/CF User Guide.
2. The field and laboratory NTPEP test results are compared to SHA specifications.
3. Upon satisfactory review of NTPEP data and Safety Data Sheet, the manufacturer of the material will be notified of the acceptable NTPEP product evaluation code(s).

The material manufacturer must then visit Maryland's Product Evaluation listing (MPEL) located at <https://apps.roads.maryland.gov/MPEL/> and select VENDOR REGISTRATION to begin.

When your product application has been accepted, you will receive an email requesting submission of the following documentation into MPEL:

1. NTPEP Evaluation code
2. NTPEP Field Testing Criteria
3. Starting Test date

Qualifications are limited to **three** products per manufacturer for this category.

Approved products are required to continue to meet specifications. Products found not in compliance with contract requirements or specifications will be subject to rejection whether in place or not.

**To Maintain Approval for Joint Sealant and Crack Filler**

Products currently listed on the QPL will remain approved provided the formulation and test results have not changed or been altered from the original northern NTPEP Product ID submittal. All Joint Sealant and Crack Filler materials shall be evaluated by NTPEP every six years with test results submitted to the Administration for recertification purposes.

The Administration reserves the right to withdraw any product from the QPL for unsatisfactory performance.

If you have any questions or require additional information, contact Mr. Larry Riggleman at 301-302-1344 or [LRiggleman@mdot.maryland.gov](mailto:LRiggleman@mdot.maryland.gov).

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**PROCEDURE FOR THE QUALIFICATION OF  
COLD PATCH MATERIALS**

The Maryland Department of Transportation State Highway Administration (MDOT-SHA) maintains a Qualified Products List (QPL) of Cold Patch Materials (CPM). CPM shall conform to Section 924 of MDOT-SHA's Standard Specifications for Construction of Materials.

If you are interested in having your product qualified, visit [Maryland's Product Evaluation Listing \(MPEL\)](#) and select VENDOR REGISTRATION to begin.

When your product application has been accepted, you will receive an email requesting submission of the following information into MPEL:

1. Certification on the manufacturer's letterhead, including product name and statement that the material has been tested and found in conformity with specification requirements.
2. Certificate of Analysis
3. Certified test results and temperature requirements for submitted product performed by an accredited independent/third-party testing agency.
4. Safety Data Sheet (SDS)
5. Quality Control Plan

CPM is approved through manufacturer's certification and independent/third-party test data. However, MDOT-SHA reserves the right to request independent samples for field evaluation and to confirm specification compliance.

Qualifications are limited to **two** products per manufacturer for this category.

Approvals granted are subject to continuing production of materials performing in the field. Products found not in compliance with contract requirements or specifications will be subject to rejection whether in place or not.

Inform the Administration immediately of any changes in the composition of the product. After MDOT-SHA has reviewed the changes, new sample(s) may be requested to be submitted along with the outlined documents above.

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**Materials/Products evaluated and not approved are not eligible for resubmission within six months of the most recent examination unless requested by the Administration.**

**Producers are required to recertify their products every 5 years to remain on the QPL. Submit a certified letter on manufacturer's letterhead stating that the product formulation has not changed. Also submit a current MSDS and current test results. Samples will be requested as needed.**

**A cost reimbursement of \$165.00 per product will be applied for the Recertification process. Products approved within 36 months of the Recertification date are exempt.**

If you have any questions or require additional information, contact Mr. Larry Riggleman at 301-302-1344 or [LRiggleman@mdot.maryland.gov](mailto:LRiggleman@mdot.maryland.gov).

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**MATERIAL TESTING AND EVALUATION**

Attention Customer:

The Office of Materials Technology has a schedule of cost reimbursement for the evaluation of materials to be placed on our Qualified Products List (QPL).

A cost reimbursement of **\$489.17** per product will be applied for the evaluation of CPM. Evaluations will not begin until verification of payment is received by the Administration's Cashier's Office.

Complete the attached form and return it along with a Cashier's Check or Money Order made payable to the Maryland State Highway Administration. Mail these items to the following:

Cashier's Office  
P.O. Box 1636  
Baltimore, MD 21203

Forward the sample and related information to:

Office of Materials Technology  
7450 Traffic Drive, Building #4  
Hanover, MD 21076  
ATTN: Mr. Jay Gheewala

If you have any questions, contact us via email at [MPEL@mdot.maryland.gov](mailto:MPEL@mdot.maryland.gov)

Sincerely,

New Products and Research Team  
Office of Materials Technology  
cc: Asphalt Binder Team Leader

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Cashier's Office  
P.O. Box 1636  
Baltimore, MD 21203

AW176M2N

Attention Cashier:

This cost reimbursement covers the processing, evaluation and testing for the qualification of materials. Verification of payment is required before any testing will be performed. All testing will be performed by the Office of Materials Technology. Please submit a copy of payment verification into MPEL.

**TOTAL COST REIMBURSEMENT PER PRODUCT: \$489.17** (Cost reimbursement includes Processing and Handling)

**NAME:** \_\_\_\_\_

**PRODUCT  
NAME:** \_\_\_\_\_

**COMPANY:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_  
\_\_\_\_\_

**PHONE:** \_\_\_\_\_