

Illinois Department of Transportation  
Bureau of Materials

Qualified Product List  
**ASPHALT RELEASE AGENTS**  
**FOR VEHICLES TRANSPORTING HOT MIX ASPHALT**  
**May 31, 2024**

**This list supersedes May 24, 2024 list.**

Standard Specifications for Road and Bridge Construction, Article 1030.12 (Adopted January 1, 2022)

"For information regarding new products submittal click the "New Submittal" bookmark to the left."

<b>Company</b>	<b>Release Agent</b>	<b>Requalification Due Date</b>
Amchem Industrial P.O. Box 5764 Canton, GA 30114 Phone: 770-789-8040 Attn: Mr. Justin Montgomery	<b>Formula 1</b>	<b>05/26</b>
Arrow-Magnolia International, LP 2646 Rodney Lane Dallas, TX 75229 Phone: 972-247-7111 Attn: Mr. Curtis Shaw, VP Marketing	<b>SUPER SLICK</b>	<b>05/26</b>
BG Chemical, LP P. O. Box 720025 Dallas, TX 75372 Phone: 800-725-8470 Attn: Mike Blanco	Loose Juice	05/25
ChemStation International, Inc. 3400 Encrete Lane Dayton, OH 45439 Phone: 800-554-8265 Attn: Mr. Benjamin Laux, Director of R&D	<b>22169</b> <b>22172</b>	<b>05/28</b> <b>05/29</b>
Emulso 2750 Kenmore Avenue Tonawanda, New York 14150 Phone: 716-854-2889 Attn: Mr. Christopher Miller	<b>AR-92</b>	<b>05/28</b>
Interchem, Inc. 3501 N Broadway St. Louis, MO 63147 Phone: 800-436-9838 Attn: Mr. Jim Phillips, Sales Rep	Poly Bed Release	05/25
Lubrication Technologies, Inc. 900 Mendelssohn Avenue N Golden Valley, Minnesota 55427 Phone: 763-746-1426 Attn: Scott Hommerding, R&D Chemist	<b>Lube-Tech Endurance-HD</b> <b>Asphalt Release Agent</b>	<b>05/27</b>
Maverick Solutions Inc. 380 Production Drive South Elgin, IL 60177 Phone: 847-915-3433 Attn: Mr. Stephen Kaczmarek	<b>AS-104</b>	<b>05/28</b>

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Company	Release Agent	Requalification Due Date
Meyer Laboratory, Inc. 2401 West Jefferson Blue Springs, MO 64015 Phone: 816-228-4433 Attn: Mr. Gary Brandt	Slider 33 <b>Super Slider</b> <b>Ultra Slider</b> <b>Avalanche 2020</b>	05/25 <b>05/28</b> <b>05/25</b> <b>05/25</b>
Solutions <sup>2</sup> LLC 1102 North 8 <sup>th</sup> Street Winterset, IA 50273 Phone: 515-493-1153 Attn: Mr. Josh Speer	<b>EZ-2 Slide</b>	<b>05/29</b>
SoySolv Biosolvents LLC P.O. Box 470233 Cleveland, OH 44114 Phone: 877-769-7658 Attn: Mr. Kyle Kure	<b>TackSolv</b>	<b>05/28</b>
Tec Team LLC 1009 Misty Mountain Road, STE 1404 Lynchburg, VA 24502 Phone: 800-700-2530 Ext 701 Attn: Ms. Karen Price	<b>Tec-Shield RTU</b>	<b>5/28</b>
Zep Manufacturing Co. 3330 Cumberland Blvd. Atlanta, GA 30339 Phone: 404-352-1680 Attn: Mr. Cameron Bohn	<b>BMF asphalt release agent</b>	<b>05/27</b>

**Submittal for Testing and Qualification**

**A. Scope**

An asphalt release agent (ARA) is intended for use on truck beds, tools and equipment. These materials shall be non-petroleum, non-hazardous coating agents used to prevent asphalt and asphalt mix from adhering to surfaces without damaging the asphalt mix by stripping asphalt from the aggregate. Before an asphalt release agent is used for a Department project, it shall be tested and have received qualified status. The following guidelines are provided to clarify the submittal requirements and expedite the testing process for asphalt release agents.

**B. Submittal Procedure**

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When submitting a new asphalt release agent for listing on the Qualified Product List (QPL) or resubmitting for Re-Qualification:

The Manufacturer shall submit their product to the American Association of State Highway and Transportation Officials (AASHTO) Product Evaluation & Audit Solutions for testing. Information on submittal procedures and testing cycles is available at [transportation.org](https://www.transportation.org). Once testing has been completed by AASHTO Product Evaluation & Audit Solutions and the results posted, the Manufacturer shall contact Trey Summers [Trey.Summers@illinois.gov](mailto:Trey.Summers@illinois.gov) by email to request addition to the Qualified Product List. The email request shall include the following information:

1. The specific product brand name,
2. AASTHO Product Evaluation & Audit Solutions product identification,
3. AASTHO Product Evaluation & Audit Solutions test results,
4. Safety Data Sheet,
5. Technical Data Sheet,
6. Contact person's name, title, address, email and phone number,
7. A letter signed by a company official with their title stating the subject product will not be changed without prior written notification to the Bureau of Materials,
8. Quality Control Plan for the Manufacturing Facility,
9. Acknowledgement by Company (see last page).

The AASTHO Product Evaluation & Audit Solutions test data shall not be more than five years old.

The Bureau of Materials will review the AASTHO Product Evaluation & Audit Solutions test results and the Manufacturer will be notified by letter whether the product will be added to the QPL.

The submittal information shall be sent to:

Illinois Department of Transportation  
Bureau of Materials  
Attn: Trey Summers  
126 East Ash Street  
Springfield, Illinois 62704-4766

If the Manufacturer has questions regarding the testing and qualification process, they may contact Trey Summers at 217-785-7217.

### **C. Re-Qualification**

Re-qualification of asphalt release agents is required every 5 years. A notification letter will be sent to the manufacturer when it is time to re-submit the product and support documentation. During the transition period from IDOT to AASTHO Product Evaluation & Audit Solutions qualification testing, if a product has already been tested by AASTHO Product Evaluation & Audit Solutions and is not due for re-submittal to AASTHO Product Evaluation & Audit Solutions when it is due according to IDOT's schedule, the Manufacturer shall notify Trey Summers [Trey.Summers@illinois.gov](mailto:Trey.Summers@illinois.gov) by email and provide the information requested in B.1. from the previous AASTHO Product Evaluation & Audit Solutions submittal. After the transition period IDOT will require re-submittals according to the AASTHO Product Evaluation & Audit Solutions schedule.

### **D. Maintaining Qualified Status**

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Any changes by the Manufacturer in the formulation of a product that was tested by AASTHO Product Evaluation & Audit Solutions shall necessitate the Manufacturer immediately notifying the Bureau of Materials and the newly formulated sample submitted to AASTHO Product Evaluation & Audit Solutions. The Manufacturer shall not supply the new formulation to IDOT until they have completed AASTHO Product Evaluation & Audit Solutions testing and the product is qualified and placed on the QPL.

The Bureau of Materials shall be notified of any change to Manufacturer's contact information.

Failure to notify the Bureau of Materials of changes to the product or Manufacturer's contact information may result in removal of product from the QPL.

Verification samples will be taken randomly of ARA material delivered to HMA plants that supply mixture to Department paving projects. The Contractor shall furnish to the Engineer a bill of lading for each ARA verification sample collected. The verification samples will be checked for stripping in accordance with Illinois Modified AASHTO T 383 and a comparison to original qualification samples will be conducted using ATR-FTIR spectral analysis performed in accordance with Illinois Test Procedure ITP 601. The process for testing will follow the procedure outlined in the [Manual of Test Procedures for Materials](#).

A single stripping failure of greater than 0.1 percent change in mass, in accordance with Illinois Modified AASHTO T 383, will result in another sample of the same product being randomly taken from the same or different facility. If that second sample exceeds 0.1 percent change in mass, the product will be removed from the QPL.

A single comparison value of less than 0.85 in accordance Illinois Test Procedure ITP 601 will result in another sample of the of the same product being randomly taken from the same or different HMA plant. If that second sample results in a comparison value of less than 0.85, the product will be removed from the QPL.

Names of products removed from the Department's QPL due to verification failure will not be permitted to be reused in future submittals.

**E. Instructions for Acknowledgement by Company:**

The owner, partner, or corporate officer shall complete [BMPR 101](#) and return a copy with a new product submittal or when company or product information has changed.