

Illinois Department of Transportation
Bureau of Materials

Qualified Product List
ASPHALT RELEASE AGENTS
FOR VEHICLES TRANSPORTING HOT MIX ASPHALT

March 15, 2024

This list supersedes **January 5, 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.”

| Company | Release Agent | Date Approved |
|---|--|--|
| A.G. Industrial Supply 323 E. Walnut St. Oglesby, IL 61348 Phone: 815-440-9904 Attn: Mr. Greg Gillan | AG-1149 Slick Coat-210 | 06/19 |
| Amchem Industrial P.O. Box 5764 Canton, GA 30114 Phone: 770-789-8040 Attn: Mr. Justin Montgomery | Formula 1 | 08/21 |
| Arrow-Magnolia International, LP 2646 Rodney Lane Dallas, TX 75229 Phone: 972-247-7111 Attn: Mr. Curtis Shaw, VP Marketing | SUPER SLICK | 05/21 |
| Astec Corporation 7750-650 Zionsville Road Indianapolis, IN 46268 Phone: 800-743-7770 Attn: Jim Arlington | STA-OFF | 06/19 |
| Athea Laboratories Box 240014 Milwaukee, WI 53224 Phone: 800-743-6417 Attn: Debra Lynch | Pure EZ Release | 06/19 |
| BG Chemical, LP P. O. Box 720025 Dallas, TX 75372 Phone: 800-725-8470 Attn: Mike Blanco | GreenGuard Loose Juice | 04/19 05/20 |
| ChemStation International, Inc. 3400 Encrete Lane Dayton, OH 45439 Phone: 800-554-8265 Attn: Mr. Benjamin Laux, Director of R&D | 2217-B 22369 20177 4996 22169 22172 | 09/19 04/19 01/19 11/19 05/23 02/24 |

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| Chemtek, Inc. 3005 Carrington Mill Blvd. Suite 340 Morrisville, NC 27560 Phone: 919-689-5281 x990 Attn: Ms. Angela Parkin | PavePro Blue #357 | 07/19 |
| DuBois Chemicals, Inc. 3630 East Kemper Road Sharonville, Ohio 45241 Phone: 513-554-4296 Attn: Mr. Tim Thornicroft | SLICK-EM SLICK-EM-HF | 11/19 11/19 |
| Emulso 2750 Kenmore Avenue Tonawanda, New York 14150 Phone: 716-854-2889 Attn: Mr. Christopher Miller | AR-92 | 12/23 |
| Hydro-Chem Systems, Inc. 5550 Clay Avenue, SW Grand Rapids, MI 49548 Phone: 616-531-6420 Attn: Mr. Matt Roosien Mr. Scott Harsen | Extreme Release | 07/19 |
| Interchem, Inc. 3501 N Broadway St. Louis, MO 63147 Phone: 800-436-9838 Attn: Mr. Jim Phillips, Sales Rep | Bio-Slide Bio-Slide Plus Poly Bed Release | 01/19 01/19 05/20 |
| Lubrication Technologies, Inc. 900 Mendelssohn Avenue N Golden Valley, Minnesota 55427 Phone: 763-746-1426 Attn: Scott Hommerding, R&D Chemist | Lube-Tech Endurance-HD Asphalt Release Agent | 7/22 |
| Maverick Solutions Inc. 380 Production Drive South Elgin, IL 60177 Phone: 847-915-3433 Attn: Mr. Stephen Kaczmarek | AS-104 | 06/23 |
| Meyer Laboratory, Inc. 2401 West Jefferson Blue Springs, MO 64015 Phone: 816-228-4433 Attn: Mr. Gary Brandt | AR-IL AR 125 Slider 33 Super Slider | 06/19 09/19 05/20 07/23 |

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|--|--|--------------------------------|
| Navybrand Manufacturing 3670 Scarlet Oak Boulevard St. Louis, MO 63122-6606 Phone: 800-325-3312 Attn: Ms. Cheryl Turnbough | Bed Slide Lubricant | 01/19 |
| Road Science, Division of ArrMaz 6502 South Yale Avenue Tulsa, OK 74114 Phone: 918-960-3800 Attn: Mr. Ray Gore | TBRA 8254 | 11/19 |
| Solutions Plus, Inc. 3907 Bach Buxton Road Amelia, OH 45102 Phone: 513-943-9600 Attn: Mr. Jonathan Benvie | Ultra-Slip | 07/19 |
| SoySolv Biosolvents LLC P.O. Box 470233 Cleveland, OH 44114 Phone: 877-769-7658 Attn: Mr. Kyle Kure | TackSolv | 04/23 |
| Tec-Team Specialty Chemicals, LLC 130 Oakview Drive Monroe, VA 24574 Phone: 800-700-2530 Attn: Ms. Karen M Price | Tec-Shield RTU | 09/19 |
| Whyte Gate, Inc. 400 S. Curran Rd. Graylake, IL 60030 Phone: 847-201-7000 Attn: Mr. John Manolas | #840 Q | 06/19 |
| Zep Manufacturing Co. 3330 Cumberland Blvd. Atlanta, GA 30339 Phone: 404-352-1680 Attn: Mr. Cameron Bohn | Zep R-6690 Formula 4358 BMF asphalt release agent | 06/19 09/19 03/22 |

Submittal for Testing and Qualification

Illinois Department of Transportation
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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

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) National Transportation Product Evaluation Program (NTPEP) for testing. Information on submittal procedures and testing cycles is available at ntpep.org. Once testing has been completed by NTPEP and the results posted, the Manufacturer shall contact Trey Summers 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. NTPEP product identification,
3. NTPEP 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 NTPEP test data shall not be more than five years old.

The Bureau of Materials will review the NTPEP 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

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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 NTPEP qualification testing, if a product has already been tested by NTPEP and is not due for re-submittal to NTPEP when it is due according to IDOT's schedule, the Manufacturer shall notify Trey Summers Trey.Summers@illinois.gov by email and provide the information requested in B.1. from the previous NTPEP submittal. After the transition period IDOT will require re-submittals according to NTPEP's schedule.

D. Maintaining Qualified Status

Any changes by the Manufacturer in the formulation of a product that was tested by NTPEP shall necessitate the Manufacturer immediately notifying the Bureau of Materials and the newly formulated sample submitted to NTPEP. The Manufacturer shall not supply the new formulation to IDOT until they have completed NTPEP 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 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.