

Release Agents (Non-Petroleum) - For Use In Dump Beds Hauling Hot Mix Asphalt

| Supplier | Brand |
|-------------------------------------------------|---------------------------------------|
| Arrow Magnolia International Dallas, TX | Super Slick |
| BG Chemical, LP Dallas, TX | Black Magic GreenGuard |
| ChemStation Mid-South Memphis, TN | 8277 |
| ChemStation of the Ozarks Springdale, AR | 8277 |
| Compound Technologies, Inc. Cartersville, GA | BMF No. 1 SPX-7 |
| Industrial Oils Unlimited, LLC Tulsa, OK | Asphalt Release Agent PR |
| KO Manufacturing, Inc. Springfield, MO | Polymeric Release Agent, Formula 4014 |
| Meyer Laboratory, Inc. Blue Springs, MO | Avalanche Ultra Slider |

Method of Documentation of Acceptance:

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By brand and source.

Method of Approval:

THE PROCEDURE BELOW MUST BE FOLLOWED IN ACQUIRING APPROVAL OF MATERIALS TO BE ADDED TO THE ABOVE QUALIFIED PRODUCTS LIST:

- The manufacturer/supplier shall submit a 1 quart sample, the Safety Data Sheet (SDS) and product information, including printed instructions for application. Submitted information shall indicate in writing that the release agent is non-carcinogenic, environmentally safe, and contains no flammable materials, solvents or petroleum elements.

- The manufacturer/supplier shall supply results of current National Transportation Product Evaluation Program (NTPEP) testing and shall furnish a written statement that the submitted product is identical to that most recently tested by NTPEP. The NTPEP results shall meet the following minimum requirements:
 - 7-Day Stripping Test at full strength shall indicate no stripping or discoloration.
 - Mixture Slide Test shall leave a residue of 10 grams or less after three repetitions.
 - Asphalt Performance Test shall leave a residue of not more than 10 percent after three repetitions.

- If the asphalt release agent meets the performance criteria, a letter and unsigned certification agreement will be sent to the manufacturer. The product will be placed on the QPL upon receipt of the signed certification agreement.

- The product must be resubmitted to NTPEP for full testing every 5 years, or if a change in formulation, composition, or physical properties of the product occurs.

- Destination samples will be taken as deemed necessary by the Materials Engineer to assure compliance with specifications. Failure of these samples either in the laboratory or in field applications is sufficient reason to reconsider acceptance of the material. Suspension of further use and/or removal from the QPL may occur until the Materials Engineer determines that the product is in compliance with applicable specifications and requirements.

- The product shall not be detrimental to bituminous mixtures and will not dissolve asphalt cement at any dilution rate (minimum dilution of 0% to the maximum dilution recommended by the manufacturer) and will leave no residue that is a hazardous waste.

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- **The product shall be a non-solvent and non-petroleum based product. It shall be non-carcinogenic, environmentally safe, water soluble, and contain no solvents or petroleum hydrocarbons.**

The manufacturer of privately labeled products must be disclosed.

No information contained in these lists is to be used for promotional purposes.