

POLICY FOR QUALIFIED PRODUCTS
RELEASE AGENTS FOR ASPHALT TRUCK BEDS
(QUALIFIED PRODUCT POLICY 17)

South Carolina Department of Transportation

GENERAL

The purpose of this policy is to outline the procedures by which truck bed release agents are accepted for use on Department projects.

INITIAL SOURCE EVALUATION

In order for a release agent supplier to obtain initial product to be listed, a letter shall be sent to the Asphalt Materials Manager requesting the evaluation of an asphalt truck bed release agent. The letter should state the type of release agent, a contact person and any addresses and phone numbers needed for response. The letter shall also state which SCDOT asphalt contractors are intending to use the product, and a contact person for the Contractor. All correspondence should be directed to:

Cliff Selkinghaus
Asphalt Materials Manager
SCDOT Office of Materials and Research
1406 Shop Road
Columbia, SC 29201
(803)737-6700
E-mail: selkinghcb@scdot.org

In addition to submitting a letter requesting initial evaluation, a one quart sample of the product diluted to the recommended level and a one quart sample of the concentrated product must be submitted to the Asphalt Materials Manager at the Office of Materials and Research in Columbia, South Carolina. Each supplier shall furnish a copy of the Materials Safety Data Sheet along with each source to be tested.

Once the sample is received for initial testing, the Office of Materials and Research will perform the Pensky-Martens closed cup flash point test (AASHTO T-73). The flash point shall be 140°F or higher. SC-T-74 will also be performed to determine whether the product is detrimental to asphalt mixtures.

Upon completion of testing and satisfactory compliance with applicable specifications and Department policy herein, each source will be accepted and added to the "Release Agents for Asphalt Truck Beds Qualified Products Listing." The listing will be updated by the Office of Materials and Research after each material has been evaluated, and posted on the SCDOT Internet site (www.scdot.org).

The guidelines for initial source evaluation are outlined in Table 1.

ANNUAL SOURCE EVALUATION

Release agent suppliers wishing to keep their products on the qualified products list shall send a certification letter to the Asphalt Materials Manager between August 1 and August 31 of each year. The certification letter shall state that the chemical composition of the original production tested has not changed and that the flash point is above 140°F. The letter shall also state a contact person for that product. No samples of the product will be required for annual evaluation unless requested by the Asphalt Materials Manager. The Department reserves the right to request a sample from the supplier or the Contractor at anytime for testing once the product has been accepted. The guidelines for annual evaluation are outlined in Table 1.

Suppliers not submitting annual certification letters for their products will have their products removed from the quality products list. Suppliers will have to obtain initial product evaluation prior to being reinstated on the quality products list.

NONCONFORMING RELEASE AGENTS FOR ASPHALTIC TRUCK BEDS

Permitting the Contractor to use release agents for asphaltic truck beds which are accepted does not necessarily mean acceptance of implied responsibility by the Department. Defective release agents for asphaltic truck beds are the responsibility of the Contractor or supplier. The consequences of the use of defective release agents for asphaltic truck beds will be solely the Department's decision. Truck bed release agents will be removed from the quality product list at anytime if found to be detrimental to asphalt mixtures and/or have a flash point below 140°F.

Table 1. Guideline for Initial and Annual Evaluation

Type Evaluation	Guidelines
Initial	<ol style="list-style-type: none"> <li data-bbox="363 478 1385 590">1. Notify the Asphalt Materials Manager in writing requesting the evaluation of a new product, and showing what SCDOT HMA Contractor, and name of contact person that is intending on purchasing the product. <li data-bbox="363 625 1385 701">2. Submit a concentrated quart sample for testing with the Pensky-Martens closed cup flash point test (AASHTO T-73). <li data-bbox="363 737 1385 814">3. Submit a diluted quart sample for testing the detrimental effects of asphalt release agents on asphalt mixtures (SC-T-74).
Annual	<ol style="list-style-type: none"> <li data-bbox="363 898 1385 974">1. Notify the Asphalt Materials Manager in writing requesting continued acceptance of materials between August 1 and August 31 of each year. <li data-bbox="363 1010 1385 1041">2. Letter of certification stating no changes from the original production.