



**Dust Patch Application**  
Please fill out COMPLETELY

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Location: \_\_\_\_\_

Actual address for request: \_\_\_\_\_

**\*\* One location per form \*\***

I request Dust Patch  
due to a respiratory /  
medical condition  
(check if applicable)

I understand the Athens County Highway Department will only apply a 150 foot long swath of dust patch for this location. Also, the Athens County Engineer's Office will view, prior to applying dust patch, and determine whether the need exists this year or may be deferred another year or more. Exact location will be determined by the Athens County Highway Department based upon location of the residence and driveway. I understand that my address must be clearly marked within site of the roadway on a mailbox or other means, else the county will not provide dust patch.

I understand that I must apply for this service annually by July 1 at the Athens County Engineer's Office, 16000 Canaanville Road, Athens, Ohio 45701

\_\_\_\_\_  
Signature of Owner(s)

\_\_\_\_\_  
Signature of Owner(s)

For Office Use Only

\_\_\_\_\_  
Approved by

\_\_\_\_\_  
Date Approved



# Asphalt Materials Inc.

# AE-DP

## What is AE-DP?

AE-DP is an innovative emulsion product developed and distributed by Asphalt Materials, Inc. AE-DP is an anionic emulsion based on a mixture of petroleum and non-petroleum resins. The unique formulation chemistry provides a multipurpose penetrating emulsion for dust control and road surface stabilization. AE-DP is especially useful for county road maintenance as a Road Dust Suppressant, Fugitive Dust Controller, and Berm Stabilizer.

## How AE-DP Works!

The particle size of the emulsion is smaller than conventional asphalt emulsions to allow for penetration of the emulsion into the pore structure typical of granular bases. The surfactant system is formulated to ensure rapid penetration and wetting of the pore walls coating them with a hard resinous layer, leaving little residual material on the aggregate surface. This structural coating decreases the air void pore size while coagulating particles, resulting in fugitive dust reductions and improved stability. Testing has found that treatment creates a strong, dust free, pavement-like surface with successive applications.



## AE-DP Application

Application of AE-DP typically on granular surfaces will last up to a year, depending on traffic volume, patterns, etc. Each of treatments can be performed at ambient temperatures allowing the product to be applied “as easily as water”. With each treatment a durable, yet pliable resinous layer will be to develop further enhancing dust control abilities.

AE-DP is available diluted or concentrated. Application rates vary depending on traffic patterns and concentration, but typically range from 0.25gal/yd<sup>2</sup> to 0.4gal/yd<sup>2</sup> emulsion. Contact your local sales representative for specific application rates, product specifications, and purchasing.

Bituminous Materials & Supply  
Tama, Iowa  
(641) 484-2494  
Des Moines, Iowa  
(515) 288-1076

For More Information Contact:

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(317) 486-2985 Fax

Plant Locations: Indianapolis, IN • Marietta, OH • Oregon, OH • Marion, OH • Elizabethtown, KY • Urbana, IL • Lawrenceville, IL