

Sampling of Asphalt Emulsions



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Asphalt Emulsion Sampling Do's

- Obtain an MSDS from the Supplier
- Avoid Breathing any Fumes, Mists and or Vapors
- Wear appropriate PPE



The screenshot shows a Microsoft Internet Explorer browser window displaying the website for Ergon Asphalt & Emulsions, Inc. The address bar shows the URL <http://www.ergonasphalt.com/msds.php>. The website has a yellow navigation bar with links for HOME, CONTACT, SEARCH, PRODUCTS & APPLICATIONS, SERVICES, LOCATIONS, MSDS SHEETS, and RESOURCES. The main content area features the Ergon Asphalt & Emulsions logo on the left and a large image of asphalt with yellow markings on the right. Below the image, the text "MSDS" is displayed. A message reads "Click on a product to view its MSDS." followed by a list of product codes: AE-3, AE-P, AE-P-TX, AES300, ARA-1, Asphalt Cement 2, CBS-1, CFB-1, CHFBS-2P, CPC-1, CPME-0B, COS-1H, COS-1HLM, COS-1LM, CRS-1P, CRS-2, CRS-2H, and CRS-2H. The Windows taskbar at the bottom shows the start button and several open applications, including Inbo..., s:\M..., Samp..., Ergo..., and Ergo... The system clock in the bottom right corner shows 4:11 PM.

Asphalt Emulsion Sampling Don'ts

- Do Not Smoke around the Emulsion
- Do Not Contaminate the Sample
- Do Not use a container that has been submerged in, wiped with or had solvent in it
- Do Not Transfer the sample to another Container



A Proper Sample Container

- Shall be NEW
- Preferable 1 Gallon in size
- Clean
- Dry
- Have a Proper / Tight fitting Top
- Shall NOT be Rinsed
- Washed
- Or Cleaned



- If the container is not Clean and Dry –
- Discard it

Obtaining a Sample

- Obtain the sample from a sample port
 - When a sample port is not available – obtain the sample in the safest manner that will result in a clean representative sample
- When obtaining the sample – flush the sample port line (or other line that is being used) by flushing a minimum of 5 gallons of emulsion through the line. This should be done until the sample is representative of the tank being sampled and clean of any trash that may be present in the sampling line.

A Good Sample Shall Be

- Placed on a Firm Level Surface
 - To prevent splashing, dropping or spilling
- Wiped with a clean dry cloth – on the outside only to remove any residual material – after the container is sealed
- Tightly and Positively Sealed Immediately after it is taken
- Properly Marked for Identification with a permanent Marker
 - ON the Container (NOT the Lid)

A Proper Sample Label should Contain

- Shippers Name and Bill of Lading Number
 - Or Loading Slip Number
- Date Sampled
- Samplers Name
- Sample Location (Place Taken)
- Product Grade
- Project Identification
- Other Pertinent Information

Packaging and Shipping of the Sample

- Ship the sample to the lab the same day it is taken
- Protect it from Freezing
- Make sure that it is packed and labeled properly
- Make sure the sample is sealed tightly
- Ensure that it is protected from damage during shipment