

# Pre-Approved Product Evaluation Request & Summary

Product Evaluation Coordinator  
Colorado Department of Transportation 4670 North Holly Street  
Denver, Colorado 80216

APL Reference No.

5146-24

Material Code

712.03.01.00

Material Code description full name

Hydrated Lime

## Part 1

Product Name:

Standard Hydrated Lime

Product category:

Asphalt \ Hydrated Lime \ N/A

Product Representative / Distributer (name & address):

Kory Mueller

Manufacturer (name & address):

Matthew Hayes

Mississippi Lime Co.

16147 Highway 61

Sainte Genevieve, MO 63670

Mississippi Lime Co.

16147 Highway 61

Sainte Genevieve, MO 63670

Phone: (573) 883-4108 E-mail kmmueller@mlc.com

Website address

<https://www.mlc.com/>

Phone: (573) 883-4146

E-mail: mdhayes@mlc.com

Website address

<https://www.mlc.com/>

**Description of the product:** (Include specific quantifiable details from the tech data sheet. Advertising generalities are not appropriate.)

MLC Hydrated Lime from our Sainte Genevieve Production Facility is a refined, finely divided hydrate powder derived from our high purity limestone deposit located within the manufacturing facility. Material may be shipped direct via bulk truck or rail and is available through a transfer terminal in Colorado. Product characteristics include a fine particle size, good flow properties, high surface area, and high Total and Available Ca(OH)<sub>2</sub>.

**Restrictions, (installation and/or use):**

See SDS. Skin Irritation: Category 2, Eye Damage/Irritation: Category 1, Toxicity: Category 3 Respiratory Tract Irritation.

**Use of the product, and Benefit to CDOT (be specific to CDOT highway activities only):**

Anti-stripping agent in Asphalt Applications (HMA and SMA) producing a more stable adhesion between the materials.

**Specifications: (listing those applicable is required.)**

☒ CDOT Standards and Specifications for Road and Bridge Construction, Section 712 Miscellaneous 712.03 Hydrated Lime

☒ AASHTO M303, Type 1

☒ ASTM C977, C25, C110

☐ Other

☐ Other

☒ Certificate of Compliance

☐ Certificate of Verification

**Product Testing:** (National/independent laboratories or universities with Report Date.) A certified Test Report (CTR) is provided to validate all claims.

☐ AASHTO PEAS (NTPEP)

☐ ASTM

☒ Other MLC - Certified Test Report

☐ Other

☐ Other

State DOT Approvals: South Carolina, Mississippi

Expiration Date 4 Years

12/12/2028

Sample Submitted ☐ Yes ☒ No ☐ N/A

Safety Data Sheets (SDS): ☒ Yes ☐ No ☐ N/A

Alternate Product Category

CDOT Restrictions as per CDOT Approving Authority

N/A

Evaluators Signature:

Vincent Battista Digitally signed by Vincent Battista  
Date: 2024.12.12 10:06:50 -07'00'