

Pre-Approved Product Evaluation Request & Summary

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

APL Reference No.

5791-25

Material Code

711.02.01.00

Material Code description full name

Concrete, Admixture

Part 1

Product Name:

MasterLife CI 30

Product category:

Concrete\Admixture\Concrete Corrosion Inhibitor

Product Representative / Distributer (name & address):

Mark E. Piechuta

Master Builders Solutions Admixtures US, LLC

23700 Chagrin Blvd.

Cleveland, OH 44122-5554

Manufacturer (name & address):

Mark E. Piechuta

Master Builders Solutions Admixtures US, LLC

23700 Chagrin Blvd.

Cleveland, OH 44122-5554

Phone: (216) 839-7072 E-mail mark.piechuta@masterbuilders.com

Website address

<https://www.master-builders-solutions.com>

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

MasterLife CI 30 calcium nitrite based corrosion-inhibiting admixture is used for reinforced concrete.

MasterLife CI 30 admixture contains a minimum of 30% active ingredients by mass and meets ASTM C 494/C 494M requirements for Type C, accelerating admixtures. It also meets the requirements of ASTM C 1582, Standard Specification for Admixtures to Inhibit Chloride-Induced Corrosion of Reinforcing Steel in Concrete.

Restrictions, (installation and/or use):

none known

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

* Effective corrosion protection against chlorides in concrete

* Extended service life of reinforced concrete structures

* Set acceleration, which may be desirable in cold weather application

Specifications: (listing those applicable is required.)

- ☒ CDOT 711.03
☒ AASHTO M194 Type C
☒ ASTM C494 Type C; ASTM C1582
☒ Other CRD-C 87
☐ 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) CADD 2021-01-066

☒ ASTM ASTM C1582 (SGS test report 24-636 - 6M) ; (TCG report 16112)

☐ Other

☐ Other

☐ Other

State DOT Approvals: ID DOT, OR DOT, MT DOT

Expiration Date 4 year cycle 03/03/2029

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

Alternate Product Category Concrete\Admixture\Accelerating

CDOT Restrictions as per CDOT Approving Authority

Evaluators Signature: