COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3492-12

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

Material code: 702.06.03.00

FOR INTERNAL CDOT USE

Material code description full name: Sealant, ASTM 5078

PART 1

Product name: Elastoflex 38 (Lot #1205123)

Product category: Sealant\Hot Poured, Joint/Crack\ASTM D 5078

Product representative (name & address):
Attn: Dave Mcintosh
Maxwell Products, Inc.
650 South Delong
Salt Lake City, UT 84104
Phone: (801) 972-2090 FAX: (801) 972-5536

Manufacturer (name & address):
Attn: Ken Maxwell
Maxwell Products, Inc.
650 South Delong
Salt Lake City, UT 84104
Phone: (801) 972-2090 FAX: (801) 972-5536

Web-site address: www.maxwellproducts.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Maxwell Products Elastoflex 38 is a single component, hot applied crack sealant. It meets the requirements of ASTM D 5078. Ingredients include a mixture of virgin synthetic rubber, reclaimed rubber, or a combination of the two along with other modifiers blended to meet the specifications. Specification requires sealant to be heated in a melter utilizing oil as the heat transform medium. The melter should provide constant agitation and a calibrated thermometer installed. Recommended application temperature is 380ºF. Maximum safe heating temperature is 400ºF.

Restrictions, (installation and/or use):
Pavement temperatures 40ºF or higher. Must be applied in clean dry cracks and or joints.

Use of the product, (be specific to CDOT highway activities only):
Crack Sealant / Hot Poured / Single Component / Hot Applied / Elastomeric

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
This product has been used successfully in locations that have similar climatic conditions as Colorado. It has excellent wear characteristics and has proven effective where there are large variations in temperature within a 24 hour cycle. It has also proved effective in areas where freeze / thaw cycles occur nearly everyday of a winter season.

Specifications, (listing those applicable is required) **& Certificate of Compliance** (required to certify compliance with listed specifications):

- ☐ CDOT :
- ☒ ASTM : D 5078
- ☐ AASHTO :
- ☐ FHWA :
- ☐ other :

Product testing, (from national/independent laboratories or universities) **& Certified Test Report** (CTR required to validate all claims):

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : TEI Testing Services (05-18-2012)
- ☐ other :

State DOT Approvals, (current documentation required):

Sample submitted: ☐ yes ☒ no ☐ n/a

Materials Safety Data Sheets (MSDS): ☒ yes ☐ no ☐ n/a

Notes/Additional Comments