COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3213-10

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

Material code: 515.03.01.00

FOR INTERNAL CDOT USE

Material code description full name: Sealer, Concrete

PART 1

Product name: KBP 204 P Seal

Product category: Waterproofing\Concrete Sealer\Non-Alkyl-alkoxy Silane

Product representative (name & address):
Attn: Sheila Cherry
Kwik Bond Polymers
923 Teal Drive
Benicia, CA 94510
Phone: (720) 202-5682 FAX: (707) 746-7981

Manufacturer (name & address):
Attn: Sheila Cherry
Kwik Bond Polymers
923 Teal Drive
Benicia, CA 94510
Phone: (866) 434-1772 FAX: (707) 746-7981

Web-site address: www.kwikbondpolymers.com

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

KBP (Kwik Bond Polymers) 204 P Seal is a very low viscosity, high molecular weight methacrylate monomer that has been developed as a "healer/sealer" penetrant for re-bonding and sealing shrinkage or related cracking in PCC, latex modified and/or silica fume (micro-silica) concrete. The material can be applied in hot and cool temperatures (55°F -100°F) and open to traffic in 1.5 to 3 hours. The product has a high flash point (minimum 180°F) relative to methyl methacrylates. KBP 204 P Seal is pre-promoted, eliminating the hazard of traditional 3 component HMWMs.

Restrictions, (installation and/or use):

Surface and air temperatures must be 55-100°F.

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

Penetrating crack sealer in concrete substrates.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):

Product is easy to mix and apply. Full cure between 1.5 to 3 hours reduces lane closure times. High flashpoint is much safer than methyl methacrylates (MMAs) extremely low flashpoint. Pre-promoted product eliminates potential hazards in mixing and handling of incompatible materials.

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

- [x] CDOT : Standard Specification, Section 601.15 (i)
- [ ] ASTM :
- [ ] AASHTO :
- [ ] FHWA :
- [ ] other :

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

- [ ] NTPEP-AASHTO :
- [ ] FHWA :
- [x] other : Martin Testing Laboratories (Feb. 25, 2010) (Feb. 27, 2010)
- [ ] other :

State DOT Approvals, (current documentation required):

Montana, Nebraska, Oregon

Sample submitted: [ ] yes [x] no [ ] n/a

Materials Safety Data Sheets (MSDS): [x] yes [ ] no [ ] n/a

Notes/Additional Comments

Samples are available upon request for DOT testing.