COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2047-02

Materials Laboratory
Colorado Department of Transportation
4201 East Arkansas Avenue
Denver, Colorado 80222

PART 1: Completed by Product Representative
PART 2: Completed by CDOT Product Evaluation Coordinator
PART 3: Completed by CDOT Expert Product Evaluator
PART 4: Completed by CDOT Materials Engineer

PART 1

Product name: Black Magic "13"

Product category: Asphalt\Asphalt Release Agents

Product representative (name & address):
BG Chemical, LP {Michael Scardina}
8335 Fairmont Dr., #3-204
Denver, CO 80247
Phone: (303) 884-3813 FAX:

Manufacturer (name & address):
BG Chemical, LP
P.O. Box 720025
Dallas, TX 75372
Phone: (800) 725-8470 FAX: (214) 826-7290

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
Black Magic® "13" is a patented universal asphalt release agent, concrete form release, corrosion prevention coating and will prevent snow and ice build-up on equipment. Black Magic® can be applied to HMA equipment surfaces to form a longer lasting film coat. It will draw through the void space and seal the surface and release hot mix. Application frequency depends on HMA design, but has lasted up to 6 loads without re-application on truck beds. Due to the BG Chemical, LP's patented spray system, no water is required; application rate is .50 gallons per minute as opposed to other systems putting out 2.5 plus gallons per minute. The product is 98% Food grade products. Black Magic® "13" can be used on all types of equipment.

Usage of product, (be specific to CDOT highway activities only):
Asphalt Release Agent for HMA designs up to PG 76-22 for all equipment. Also concrete form release & prevents snow and ice build-up.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Black Magic® is designed to last on patch trucks. Use with pneumatic rollers will allow compaction without fracturing rock faces. It will save clean up time in asphalt and liquid de-icing programs. Black Magic® will prevent corrosion to equipment when not in use. The product will not affect HMA as proven by the Texas DOT strip test. The product will not have any adverse affects on HMA, and protect CDOT and the contractor from 3rd party liability law in the Oil Pollution Act. Local service, technical support and training are available.

Specifications, (identify specifically those applicable) **& Certificate of Compliance** (submittal required):

- ■ CDOT : TX DOT, March 6, 2002 (per requirements)
- ☐ ASTM :
- ☐ AASHTO:
- ☐ FHWA :
- ☐ other :

Product testing, (national/independent laboratories) **& Certified Test Report** (submittal required):

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ☐ other :

State DOT Approvals, (current documentation required):
Texas

Evaluation Procedure, (recommended):
Acceptance of Texas DOT, Fort Worth District Lab

Sample submitted: ☐ yes ■ no ☐ n/a | Materials Safety Data Sheets (MSDS): ■ yes ☐ no ☐ n/a

Notes/Additional Comments
Prior to September 16, 2005 this product was manufactured by The ChemMark Corporation

Manufacturer's Web-site address: www.bgchemical.com

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