COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2048-10

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

Material code: 401.09.01.00

FOR INTERNAL CDOT USE

Material code description full name: Bituminous Mixtures, Release Agent

PART 1

Product name: Black Magic® "For Rubber"	Product category: Asphalt\Asphalt Release Agent\NA
Product representative (name & address): Attn: Mike Scardina BG Chemical, LP P.O. Box 720025 Dallas, TX 75372 Phone: (303) 884-3813 FAX: (214) 826-7290	Manufacturer (name & address): Attn: Mike Scardina BG Chemical, LP P.O. Box 720025 Dallas, TX 75372 Phone: (800) 725-8470 FAX: (214) 826-7290
Web-site address: www.bgchemical.com	Web-site address: www.bgchemical.com

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

Black Magic® "For Rubber" is a specially formulated blend of biodegradable and environmentally safe chemicals. It is a water-soluble, oil emulsion, which is simple and economical to use. It will prevent build up of hot asphalt up to 400° F on most surfaces. Black Magic® "For Rubber" works on mild steel, aluminum or rubber. It is designed to work on pavers, rollers, blades, tools, truck boxes, tailgates and aprons. Black Magic® "For Rubber" is a concentrate and is used either diluted (up to 9:1 dilution with water) or straight (full strength), depending on binder PG grade. Dilution rate for commercial grade asphalt (up to PG64-22) is 6:1, and up to 9:1 depending on oil content for truck beds. For PG Grades above 64-22, the recommended dilution rate is 4:1 for mix designs up to PG70-22. Product is recommended to be used at a 2:1 dilution rate or straight for rubberized or polymer modified mix designs with a grade above PG76-22. It provides improved performance on tools, paving machines, plant drums, drag slats and laboratory equipment.

APPROVED FOR TRUCK BEDS & OTHER PAVING EQUIPMENT. APPROVED DILUTION RATE OF FULL STRENGTH FOR CDOT.

Restrictions, (installation and/or use):

APPROVED DILUTION RATE OF FULL STRENGTH FOR CDOT.

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

Black Magic® "For Rubber" is approved for truck beds and paving equipment.

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 form a lasting coating on patch trucks, haul trucks, plant drag slats and drums, paving machines and tools. Black Magic® will prevent corrosion to equipment when not in use. Black Magic® is one of the most effective non-solvent products on the market today that prevent HMA/WMA buildup on shovels, tools and paving equipment, even out performing orange based cleaners. Black Magic® does not flash and assists with environmental compliance in all phases of asphalt operations.

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

- ☐ CDOT :
- ☐ ASTM :
- ☐ AASHTO :
- ☐ FHWA :
- ☒ other : TX DOT Evaluated and accepted per CDOT requirements. TEX-239-F, Part IV.

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

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : TX DOT
- ☐ other :

State DOT Approvals, (current documentation required):

TX

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

Notes/Additional Comments