COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2490-04

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: PREMARK PLUS (WHITE)

Product category: TC\PMM\Permanent, Preformed, Thermoplastic Tape

Product representative (name & address):
Flint Trading, Inc. {Steve Wolford}
P.O. Box 160
Thomasville, NC 27360
Phone: (303) 674-4600 FAX: (336) 475-7900

Manufacturer (name & address):
Flint Trading, Inc. {Rob Mantek}
111 Todd Court
Thomasville, NC 27360
Phone: (336) 475-6600 FAX: (336) 475-7900

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
PREMARK (20/20 FLEX) PLUS is a preformed thermoplastic available in linear, symbols, letters, and legends in 125 mil thickness with 30% intermixture of glass beads for lifetime retroreflectivity. PREMARK (20/20 FLEX) PLUS does not have an installation temperature requirement. The application area must be dry and free of dirt, dust, chemicals, or significant oily substances. PREMARK (20/20 FLEX) PLUS should not be applied on top of paint, cold plastic, or Greenlite. Application area can be opened to traffic as soon as the markings are firm to the touch. During warmer weather, it may take longer for the material to cool down. Apply water on the markings to shorten the cooling process. Temperature is only an issue regarding storage, not application.

Usage of product, (be specific to CDOT highway activities only):
Marking & delineating roadway intersections and other transverse applications. Placing specialty markings on horizontal roadway surface.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Requires NO preheating of the road surface to a specific temperature which extends the pavement marking season and eliminates possible damage to pavement. Contains non-detectable or extremely low levels of heavy metals, VOC's, or HAP's. Requires no capital equipment investment for installations. Material has enhanced heat indicator system that offers a way to visually determine if the pavement marking is adequately heated. The indents on the top of the material allow the operator to properly gauge the correct (cont'd in NOTES below).

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

- ■ CDOT : Standard Specifications: Section 713.14 & Section 627.09
- ■ ASTM : E 303
- ■ AASHTO: M 249-79
- ☐ FHWA :
- ■ other : Supplier is ISO certified in manufacture of reflective highway markings.

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

- ■ NTPEP-AASHTO: Report 00 NTPEP 212 (TX); Report 02 NTPEP 219 (WI); Report 02 NTPEP 220 (MS)
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ☐ other :

State DOT Approvals, (current documentation required):
New Mexico, Oregon, Utah, Washington

Evaluation Procedure, (recommended):
Evaluation procedures used by NTPEP are recommended.

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

Notes/Additional Comments
(cont'd from BENEFITS above): amount of heat to apply during installation without the use of an infrared thermometer.
On literature and documentation references, the names Premark 20/20 Flex Plus and Premark Plus are synonymous.
Flint Trading, Inc. prior to April 2006 was associated with LKF, Inc.

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

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