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**PRODUCT SPECIFICATIONS**

**PRODUCT:** EMULSIFIED ASPHALT

**GRADE:** CSS-1h **PRODUCT CODE:** 13506

**DESCRIPTION:** A cationic slow setting emulsion manufactured from hard base asphalt.

**MEETS SPECIFICATIONS:** ASTM D2397  
AASHTO M208

| <b>TESTS</b>                        | <b>ASTM METHOD</b> | <b>AASHTO METHOD</b> | <b>SPECS.</b> | <b>TYPICAL ANALYSIS<sup>1</sup></b> |
|-------------------------------------|--------------------|----------------------|---------------|-------------------------------------|
| Viscosity, Saybolt, 77°F, SFS       | D244               | T59                  | 20-100        | 26                                  |
| Storage Stability, 24 H, %          | D244               | T59                  | 1 max         | 0.1                                 |
| pH                                  | E70                | T200                 |               | 3.2                                 |
| Particle Charge Test                | D244               | E70                  | Positive      | Pos.                                |
| Sieve Test, %                       | D244               | T59                  | 0.1 max       | 0.01                                |
| Density, 60°F, lbs/gallon           | D244               | T59                  |               | 8.5                                 |
| Residue by distillation, %          | D244               | T59                  | 57 min        | 61                                  |
| Tests on residue from distillation: |                    |                      |               |                                     |
| Penetration, 77°F, 100g, 5s         | D5                 | T49                  | 40-90         | 51                                  |
| Abs. Viscosity, 140°F, Poise        | D2171              | T202                 |               | 2150                                |
| Ductility, 77°F, 5 cm/min, cm       | D113               | T51                  | 40 min        | 150+                                |
| Solubility in TCE, wt. %            | D2042              | T44                  | 97.5 min      | 99.8                                |

<sup>1</sup>Values shown as typical may, at times, be superseded by results which are current at a particular time.

**AVAILABILITY:** Elk Grove Asphalt Terminal

**DOT SHIPPING NAME:** Asphalt, non-hazardous

**DOT PLACARD:** None required

**RELEASED:** 02-01-2003