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PRODUCT SPECIFICATIONS

PRODUCT: EMULSIFIED ASPHALT

GRADE: CQS-1h **PRODUCT CODE:** 13518

DESCRIPTION: A cationic quick setting emulsion manufactured from hard base asphalt for use in making slurry seals.

MEETS SPECIFICATIONS: ASTM D2396, Section 203-5.2 of "Greenbook"

| TESTS | ASTM METHOD | AASHTO METHOD | SPECS. | TYPICAL ANALYSIS ¹ |
|-------------------------------------|-------------|---------------|----------|-------------------------------|
| Viscosity, Saybolt, 77°F, SFS | D244 | T59 | 20-90 | 22 |
| Storage Stability, 24 H, % | D244 | T59 | 1 max | 0.0 |
| pH | E70 | T200 | 6.7 max | 3.2 |
| Particle Charge Test | D244 | E70 | Positive | Pos. |
| Sieve Test, % | D244 | T59 | 0.10 max | 0.01 |
| Density, 60°F, lbs/gallon | D244 | T59 | | 8.5 |
| Residue by distillation, % | D244 | T59 | 60 min | 62 |
| Tests on residue from distillation: | | | | |
| Penetration, 77°F, 100g, 5s | D5 | T49 | 45-80 | 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 |

¹Values shown as typical may, at times, be superseded by results which are current at a particular time.

AVAILABILITY: Readily available

DOT SHIPPING NAME: Asphalt, non-hazardous

DOT PLACARD: None required

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