

## TECHNICAL DATA SHEET – CNTSS-1HM

### DESCRIPTION

Blacklidge's CNTSS-1HM is the most state of the art cationic emulsion available for high performing, trackless tack coat applications. It is used as a trackless tack coat with excellent bonding properties. It may also be used in prime coat applications where allowed by the Agency.

### PHYSICAL PROPERTIES

- Boiling Point (°F): 212
- Specific Gravity (H<sub>2</sub>O = 1): 1.03
- Solubility in Water: Dispersible
- Appearance and Odor: Dark Brown liquid with Mild Petroleum Odor

| PARAMETER                                   | TEST METHOD | MIN  | MAX  |
|---|-------------|------|------|
| <b>Tests on Emulsion</b>                    |             |      |      |
| Saybolt Furol Viscosity, SFS @ 25 °C        | ASTM D88    | 20   | 100  |
| Storage Stability, 1 day, %                 | ASTM D244   | ---- | 1.0  |
| Residue by Distillation                     | ASTM D244   | 50   | ---- |
| Oil Distillate, %                           | ASTM D244   | ---- | 1.0  |
| Sieve Test                                  | ASTM D244   | ---- | 0.3  |
| <b>Tests on Residue</b>                     |             |      |      |
| Penetration @ 25 °C, dmm                    | ASTM D5     | ---- | 20   |
| Softening Point, °C                         | ASTM D36    | 65   | ---- |
| Solubility, %                               | ASTM D2042  | 97.5 | ---- |
| Original DSR @ 82 °C (G*/SIN d, 10 rad/sec) | AASHTO T315 | 1.0  | ---- |

### LIMITATIONS

Proper storage, handling, and application guidelines must be followed carefully for best results. As with any emulsion, do not allow the material to freeze or boil because of aggressive heating. Freezing or boiling of CNTSS-1HM will break the emulsion. CNTSS-1HM IS NOT COMPATIBLE WITH ANIONIC EMULSIONS (SS-1, SS-1H, UltraTack™ (NTSS-1HM), etc.). All equipment should be thoroughly cleaned if anionic emulsion was previously present. It is highly recommended for the product to be applied when hot (160°F to 180°F). CNTSS-1HM is applied with conventional distributors. Application rates vary depending on the existing surface, so please consult applicable agency specifications to determine required application rate. Typically these rates are between 0.05 and 0.1 gallons per square yard. In any application even, uniform coverage is critical to achieving the best bond. If the product is to be stored for an extended period of time, the material should be agitated and/or gently circulated prior to use. Please contact your Blacklidge representative prior to first use for detailed storage and handling procedures.

### CAUTION

For industrial use only. Refer to SDS for further information.

THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCT REGULATIONS.

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