

# CRS-1h PRODUCT DATA SHEET

*EMULVIA® TAC H*



## PRODUCT DESCRIPTION

CRS-1h is cationic water-based rapid setting emulsified asphalt designed for use as a bituminous binder. Typical uses for this product include tack coat, fog seal and sand seal applications. CRS-1h is produced using harder Performance Graded bitumen than is typically used in a conventional CRS-1 asphalt emulsion.

## SPECIFICATIONS

CRS-1h conforms to the requirements of the North Carolina DOT, South Carolina DOT, Virginia DOT and AASHTO M208 for cationic asphalt emulsions.

Test Property	Standard Reference	Tolerance
Residue	AASHTO M 208 & T 59	≥ 60%
Viscosity, sfs @ 77°F	AASHTO M 208 & T 59	20 to 100 sfs
Penetration, dmm @ 77°F	AASHTO M 208 & T 49	40 to 90 dmm
Sieve	AASHTO M 208 & T 59	0.1 max
Demulsibility	AASHTO M 208 & T 53	≥ 40

<u>PHYSICAL PROPERTIES</u>
Specific Gravity @ 60°F: 1.000 – 1.100
Boiling point: 212°F
Solubility in water: Soluble
Appearance and odor: Brown liquid, with a faint petroleum odor
Flammability: Non-flammable in water-based state

## STORAGE AND HANDLING

CRS-1h should not be exposed to freezing or extreme heating. Many state agencies specify application temperature ranges from 90°F to 160°F. We recommend an optimum application range of 150°F to 170°F for most usage applications. Recommended storage temperatures are from 50°F to 140°F.