



TECHNICAL DATA SHEET – CQS-1H

DESCRIPTION

CQS-1h is a cationic emulsion for use with quick-setting slurry seals. This Emulsion can also be used as a tack coat (either as is or diluted 50% with water) or fog seal (diluted 50% with water) and applied with a distributor.

PHYSICAL PROPERTIES

- Boiling Point (°F): 212
- Specific Gravity (H₂O = 1): 1.01
- Solubility in Water: Dispersible
- Appearance and Odor: Brown liquid with Mild Petroleum Odor, Cures Black

PARAMETER	TEST METHOD	MIN	MAX
Tests on Emulsion			
Saybolt Furol Viscosity, SFS @ 25 °C	ASTM D7496	20	100
Sieve Test	ASTM D6933	----	0.1
Particle Charge	ASTM D7402	Positive	
Residue by Distillation	ASTM D6997	62	----
Storage Stability, 24 hr, %	ASTM D6930	----	1.0
Tests on Residue			
Penetration @ 25 °C, dmm	ASTM D5	40	70
Ductility @ 25 °C	ASTM D113	40	----
Solubility, %	ASTM D2042	97.5	----

Storage		Application Temps	
Grade	Recommended Max Storage Temp	Recommended Range	Max Allowable
CQS-1h	180°F	55-130°F	180°F

Transportation: USDOT Not Regulated

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. CQS-1H IS NOT COMPATIBLE WITH ANIONIC EMULSIONS (RS, QS, SS, etc.). All equipment should be thoroughly cleaned if anionic emulsion was previously present.

CAUTION

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

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