

TECHNICAL DATA SHEET – SS-1h

DESCRIPTION

SS-1h is an anionic slow setting asphalt emulsion designed for use as a tack coat, base stabilization, fog sealing, dust control and specialty applications. SS can be diluted in many applications. A slow setting emulsion is designed for maximum mixing time with aggregates. Longer workability times ensure good coating with dense graded, high fines content aggregates.

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	AASHTO T59	20	100
Sieve Test	AASHTO T59	----	0.1
Residue by Distillation	AASHTO T59	57	----
Oil Distillate, %	AASHTO T59	----	3.0
Storage Stability, 24 hr, %	AASHTO T59	----	1.0
Cement Mixing Test, %	AASHTO T59	----	2.0
Tests on Residue			
Penetration @ 25 °C, dmm	AASHTO T49	40	90
Ductility @ 25 °C	AASHTO T51	40	----
Ash Content, %	AASHTO T111	----	1.0

Storage		Application Temps	
Grade	Recommended Max Storage Temp	Recommended Range	Max Allowable
SS-1h	180°F	55-150°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. SS-1H IS NOT COMPATIBLE WITH CATIONIC EMULSIONS (CRS, CQS, CSS, etc.). All equipment should be thoroughly cleaned if cationic emulsion was previously present.

CAUTION

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

THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCT REGULATIONS.

The information contained herein is the best information available to Quality Emulsions relating to our products, the use of our products, and is based on tests believed to be reliable. There is no warranty, EXPRESSED OR IMPLIED in association with this product or its use. Quality Emulsions assumes no liability for any damages incurred in association with the use of our products, and the liability of Quality Emulsions will be limited to the replacement of material found to be defective, or, at its option, the refund of the purchase price.

Product information subject to change without notice.