



TECHNICAL DATA SHEET – OptiFog

DESCRIPTION

OptiFog adds a rejuvenator to a successful asphalt emulsion formula, to extend the life of asphalt surfaces by restricting moisture intrusion, protecting the pavement from further oxidation and raveling, and restoring a uniform black appearance. The unique formula increases penetration and adhesion, and cures faster than conventional fog seals with resistance to tracking.

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			
Sieve Test	AASHTO T59	----	0.1
Particle Charge	AASHTO T59	Positive	
Residue by Distillation	AASHTO T59	32	----
Oil Distillate, %	AASHTO T59	----	5.0
Tests on Residue			
Softening Point, °F	AASHTO T53	130	----
Ductility @ 25 °C	AASHTO T51	100	----
Solubility, %	AASHTO T44	97.5	----

A: Return to traffic time is under 2 hours.

Application Rate: Typical application is 0.08-0.12 gal/sq yd.

Storage		Application Temps	
Grade	Recommended Max Storage Temp	Recommended Range	Max Allowable
OptiFog	180°F	55-150°F	175°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. OptiFog 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.

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.