

## TECHNICAL DATA SHEET – MSE

### DESCRIPTION

Micro Surfacing is a high performance, cationic quick setting asphalt emulsion. Used primarily in the construction of micro surfacing. The high polymer content increases durability and promotes faster curing.

### PHYSICAL PROPERTIES

- Boiling Point (°F): 212
- Specific Gravity (H<sub>2</sub>O = 1): 1.01
- Solubility in Water: Dispersible
- Appearance and Odor: Brown liquid with Mild Petroleum Odor, Cures Black

PARAMETER	TEST METHOD	MIN	MAX
<b>Tests on Emulsion</b>			
Saybolt Furol Viscosity, SFS @ 25 °C	AASHTO T59	15	100
Sieve Test	AASHTO T59	----	0.3
Particle Charge	AASHTO T59	Positive	
Residue by Evaporation	ARIZ 512	60	----
Storage Stability, 24 hr, %	AASHTO T59	----	1.0
Storage Stability, 24 hr, %	ASTM D6930	----	1.0
<b>Tests on Residue</b>			
Penetration @ 25 °C, dmm	AASHTO T49	40	90
Kinematic Viscosity 275°F, cst	AASHTO T201	650	----
Ductility @ 25 °C	AASHTO T 51	60	----
Softening Point, °F	AASHTO T53	140	----

Storage		Application Temps	
Grade	Recommended Max Storage Temp	Recommended Range	Max Allowable
MSE	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. MSE 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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