

### Description

CRS-1 is an emulsion that is used primarily for tacking. The material is applied through a distributor at a rate of .075 to .15 of a gallon per square yard, depending on the surface to be treated unless otherwise specified.

### Physical Properties

Boiling Point—Approximately 100°C (212°F)

Percent Volatiles—None

Appearance—Brown Liquid

Flammability—Non-flammable (liquid)

Weight Per Gallon—8.4 lbs

Solubility in Water—Dispersable

Odor—Mild Petroleum Odor

### Specifications for CRS-1

The specification conforms to AASHTO M208 and ASTM D2397.

Property		Test Procedure (AASHTO)	Specification	
			Min	Max
Viscosity, seconds, Saybolt-Furol 50°C (122°F)		T59, T72	20	100
Sieve Test, %		T59	—	.10
Particle Charge		T59	Positive	
Demulsibility		T59	40	—
Residue Determination	Residue by distillation, % by weight	T59	60	—
	Oil Distillate, % by volume	T59	—	3
Tests on Residue From Distillation	Penetration	T49	90	150
	Ductility, 25°C (77°F), 5 cm/min, cm	T51	40	—

### Handling

Protect the emulsion from freezing.

Avoid overheating the emulsion.

Avoid excessive pumping with high shear pumps, especially if the emulsion is cool.

### Storage and Application

Grade	Recommended Maximum Storage Temperature, °F	Application Temperatures (°F)	
		Recommended Range	Maximum Allowable
CRS-1	160	125-175	175

### Transport

Regulatory Information	UN Number	Proper Shipping Name	Class	PG	Label
USDOT	Not Regulated				