



## TECHNICAL DATA SHEET ECOPAV

### DESCRIPTION

EcoPAV is a superpave design specially formulated to be an environmentally friendly and primarily used as a bind the aggregate and fine particles. EcoPAV can 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 (H<sub>2</sub>O = 1): 1.01
- Solubility in Water: Dispersible
- Appearance and Odor: Brown liquid with Mild Petroleum Odor
- Weight Per Gallon—8.4 lbs
- Flammability—Non-flammable (liquid)
- Percent Volatiles—None

### SPECIFICATIONS

The specification conforms to AASHTO M208, ASTM D2397, the Virginia Department of Transportation, North Carolina DOT, South Carolina DOT, Tennessee DOT, West Virginia DOT and Maryland State Highway Administration.

PROPERTY		Test Procedure	Specification	
		(AASHTO)	Min	Max
Viscosity, Saybolt-Furol, 25°C (77°F), sec		T59, T72	20	100
Sieve Test, %		T59	—	0.1
Particle Charge		T59	Positive	
Distillation Test	Residue by distillation, % by weight	T59	57	—
	Oil Distillate, % by volume		—	3
Tests on Residue from Distillation	Penetration, 25°C (77°F), 100 g, 5 sec	T49, T59	40	90
	Ductility, 25°C (77°F), 5 cm/min, cm	T51, T49	40	—

### HANDLING

- Protect EcoPAV from freezing.
- Avoid overheating EcoPAV.
- Avoid excessive pumping with high shear pumps, especially if EcoPAV is cool.

### STORAGE AND APPLICATION

Recommended Maximum Storage Temperature, °F		Application Temperatures (°F)	
		Recommended Range	Maximum Allowable
140		50-130	175

### TRANSPORT

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

### LIMITATIONS

Proper storage, handling, and application guidelines must be followed carefully for best results. Please contact your Global Soil Group representative prior to first use for detailed storage and handling procedures. For industrial use only. Refer to SDS for further information. THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCT REGULATIONS.