



Tack Coat

(Asphalt Emulsion Type SS-1/SS-1H)

DESCRIPTION:

GemSeal® Tack Coat is an anionic slow setting asphalt emulsion which serves as a tack coat for better coating adhesion on asphalt pavement surfaces.

USES:

GemSeal® Tack Coat asphalt emulsion is used as a general-purpose tack emulsion and bonding agent between new bituminous asphalt and old. Other uses include prime, fog seal, dust control, and seed mulch treatment.

CHARACTERISTICS:

GemSeal® Tack Coat an asphalt cement dispersed in water with a colloid mill. It is a slow set type of asphalt emulsion that may be diluted with water. Caution do not use with rain impending. For best results diluted emulsion should be used within 7 to 10 days. Meets Florida DOT, AASHTO and ASTM D 977 specifications.

COLOR:

Black (when dry)

SPECIFICATIONS:

Tests on emulsions:	Min	Max
Viscosity, m PA	45	220
Sieve test, %		0.1
Residue by Distillation, %	57	
Oil distillate, % by volume of emulsion		1
Tests on residue from distillation test:		
Penetration, 77°F, 100g, 5s	100	200
Ductility, 77°F, 5cm/min, cm	40	
Solubility in trichloroethylene, %	97.5	

TYPICAL APPLICATION:

Clean surface of all loose materials, dirt, and dust. Mix well to a uniform consistency. May be applied by spray, brush, or squeegee. Apply only when air and ground temperature is 50°F and rising. Do not apply if rain is expected within eight hours.

For tack and prime coat dilute with equal parts water. Tack coat apply at a rate of 0.10 - 0.15 gal/yd². Hand application should be done with caution; do not over apply. Prime coat apply at a rate of about 0.25 gal/yd² to damp base. Fog Seal - dilute with equal parts water and apply at a rate of 0.10 - 0.12 gal/yd². Dust Control dilute one part SS-1 to 5 - 7 parts water and apply at 0.10 - 0.15 gal/yd² to previously dampened and compacted base. Typical application temperature is ambient.

CLEAN-UP:

Clean tools with water immediately after use. Dried material remaining on tools may be removed with mineral spirits.

STORAGE:

Keep from freezing. Do not store in direct sunlight. Recommended storage temperature is 50°F – 130°F.

PACKAGING:

Available in 5-gallon pails and 55-gallon drums. Also available in bulk.

SERVICE:

Timely service is available within a 300-mile radius of our manufacturing facilities.



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CAUTION:

WARNING: This product may contain trace amounts of chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Three percent of the mixture consists of ingredient(s) of unknown acute toxicity.

MANUFACTURING & CUSTOMER SERVICE:

Call (866) 264-8273 to find the nearest GemSeal location to purchase Tack Coat Asphalt Emulsion Type SS-1/SS-1H.

GemSeal Pavement Products
Corporate Headquarters:
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GemSeal Pavement Products warrants that for a period of one (1) year from date of purchase this product shall be free from manufacturing defects and shall meet or exceed performance standards listed in the technical data sheet for the product at the time of sale, if used as directed and within the stated shelf life. This Limited Warranty applies only if the product is stored, used, and applied over a properly prepared substrate in strict accordance with applicable specifications and instructions issued by GemSeal Pavement Products. The Limited Warranty will not apply if the product is altered, modified, or misused after it has left the control of GemSeal Pavement Products. GemSeal Pavement Products will not be responsible for defects caused by factors beyond its control, including but not limited to workmanship, application equipment, weather, acts of God, structural failure, condition or movement of substrate, improper additives, poor drainage, ponded water, improper maintenance, damage from snow removal equipment, and normal wear and tear. GemSeal Pavement Products does not warrant that the product or any method of use or application would be suitable for any particular site conditions.

All warranty claims must be submitted in writing, with proof of purchase, to the following address: 3700 Arco Corporate Drive, Suite 425, Charlotte, NC 28273. Unused portions of product must be returned upon request. Replacement of defective product or, at GemSeal Pavement Products' option, refund of the purchase price of defective product shall be the buyer's sole remedy under this Limited Warranty. In no event shall GemSeal Pavement Products be liable for any damages in excess of the purchase price of the defective product.

This Limited Warranty does not cover labor costs for product application, replacement, or repair. GEMSEAL PAVEMENT PRODUCTS SHALL IN NO EVENT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, OR SPECIAL DAMAGES, INCLUDING BUT NOT LIMITED TO DAMAGES FOR LOST SALES OR PROFITS, BUSINESS INTERRUPTION, DELAYS, PHYSICAL DAMAGE TO OTHER MATERIALS OR PROPERTY, OR LOSS OF USE OF PROPERTY. THIS LIMITED WARRANTY IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. GEMSEAL PAVEMENT PRODUCTS EXPRESSLY DISCLAIMS ANY OTHER WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No modification or extension of this Limited Warranty shall be valid unless given in writing and signed by an authorized officer of GemSeal Pavement Products. Sales personnel and product distributors are not authorized to modify or extend this Limited Warranty.