



# Technical Data

## FSA®

### FAST SEALING ADDITIVE AND PRODUCT IMPROVER FOR PAVEMENT SEALER

#### Introduction:

FSA Additive is an exclusive copolymer additive formulated by Maintenance Inc. - Specialists in Pavement Maintenance since 1938. FSA - The Product Improver - improves the application and performance of pavement sealcoating material.

FSA is a unique, time-tested additive that is designed for those who want to enhance performance by keeping dilution rates to a minimum and solids content at a maximum while gaining the following benefits:

- Reduces cure time by 50% or more
- Reduces tracking and power steering marks
- Dries blacker
- Improves adhesion
- Improves flexibility, especially low temperature flexibility
- Improves resiliency, the ability to recover after shrinking or stretching
- Improves abrasion resistance and decreases sand roll-out by increasing the binder to aggregate ratio and by increasing the cohesive strength of the sealer (makes the sealer tougher)
- Designed to be used with standard sealcoating equipment at standard sealcoating application rates
- Can be used with a wide range of sand loadings, or no sand at all, to engineer a sealcoating system to meet specific requirements
- Reduces labor and travel costs while enhancing performance at a competitive price
- No tar balls or tar strings from coagulation, flocculation or conglomeration due to incompatibility

#### Suggested Sealer Formulations:

	<u>No Sand</u>	<u>with Sand</u>
Pavement Sealer (gallons)	100	100
FSA (gallons)	2-5	2-5
Water (gallons)	10-35	10-35
Sand (lb./gal. Sealer)	--	3-5



**Coverage Rates:**

The following are typical rates based on the above suggested sealer formulations.

With Sand

0.08-0.12 gal. of mix per yd<sup>2</sup> per coat = 8-12 yd<sup>2</sup> per gal. of mix per coat

Without Sand

0.10-0.15 gal. of mix per yd<sup>2</sup> per coat = 6-10 yd<sup>2</sup> per gal. of mix per coat

**Formulation Tips:**

The best FSA formulation will depend on the sealer used, the weather conditions and the desired results. The more FSA used the greater the benefit. Consult with the specialists at Maintenance Inc. to determine the best formula for your application.

**Mixing:**

FSA can be added to any sealer mix (formulation) at any time and in any amount without fear of the mix becoming too thick. You will see a little thickening when FSA is first added but that will disappear quickly with agitation.

**Application:**

Follow pavement preparation procedures, application procedures and recommended number of coats as recommended by sealer manufacturer.

**Precautions:**

FSA modified pavement sealcoating material should not be applied when the ambient or pavement temperatures fall below 50°F in a 24 hour period. It should not be applied when rain is expected within 24 hours.

Use only waterborne line marking paint such as Fass-Stripe or Fass-Stripe Plus on newly sealed pavements to prevent "bleeding" of the sealer.

**Notes:**

When you need improved performance and a viscosity modifier to thicken diluted sealer; in Coal Tar Sealer use FSA Plus Additive with built-in thickening agent; in Asphalt Emulsion Sealer use FSA-AE Additive.

For viscosity control only, use EZ Spray.

**ALWAYS READ THE LABEL BEFORE ATTEMPTING TO USE THE PRODUCT:** Additional Technical Data Sheets and/or Material Safety Data Sheets (M.S.D.S.) are available upon request.

**NOTICE:** The methods and techniques described in application specifications represent some that have been used successfully to obtain the desired results. All variations in asphalt, climate conditions and equipment cannot be anticipated by MAINTENANCE INC. The decision to use any of these methods and techniques is entirely at the election and responsibility of the user.

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