



## Struktol Company of America, LLC

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## TECHNICAL DATA

# STRUKTOL<sup>®</sup> SCA 985

## COUPLING AGENT

### COMPOSITION

A bi-functional disulfide organosilane for the rubber industry.

PROPERTIES	TYPICAL VALUES		
Product	SCA 985	SCA 985 CB	SCA 985 PL
Appearance	Yellow liquid	Black pearls	Pale orange pastille
Flash Point, COC (°C)	>93	>100	NA
SCA 985 Content (%)	100	50	50
Sulfur Content (%)	15.2 ± 2.0	7.5 ± 1.0	7.5 ± 1.0
Solubility	Soluble in all common organic solvents. Insoluble in water.	NA	NA
Specific Gravity (g/cm <sup>3</sup> )	1.04	1.156	.991
Storage Stability	2 years at room temperature in original sealed container.	1 year at room temperature in original sealed container.	9 months at room temperature in original sealed container
Packaging	2,200 lb tote	55 lb box	50 lb PE bag

### RECOMMENDATIONS FOR APPLICATION

STRUKTOL<sup>®</sup> SCA 985 is used to improve the reinforcing capability of fillers with silanol groups on their surface (e.g., silicas, silicates, clays, etc.). STRUKTOL<sup>®</sup> SCA 985 offers improved scorch safety during mixing due to its disulfide composition.

The pastille (PL) form offers ease of incorporation when mill mixing is required.

### DOSAGE

Suggested dosage per 100 parts of filler:

For silica:	3 - 13 parts	6 - 26 parts	6 - 26 parts
For clay and talc:	0.5 - 1 parts	1 - 2 parts	1 - 2 parts

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