



# Struktol Company of America

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# TECHNICAL DATA

## STRUKTOL<sup>®</sup> SCA 98

### COUPLING AGENT

### COMPOSITION

A bi-functional polysulfidic organosilane for the rubber industry.

<b>TYPICAL PROPERTIES</b>	<b>SCA 98</b>	<b>SCA 98 CB</b>	<b>SCA 98 PL</b>	<b>SCA 98 WT</b>
Appearance	Pale yellow liquid	Black microbead	Pale yellow pastille	Off white powder
Flash Point, COC (°C)	>100	>100	>100	NA
Molecular Weight	539	NA	NA	NA
SCA 98 Content (%)	100	50	50	68-72
Sulfur Content (%)	21-23	11-13	10.5-11.5	15-16.56
Ash (% , max)	NA	12.5	NA	NA
Specific Gravity (g/cm <sup>3</sup> )	1.089	1.30	1.006	1.283
Storage Stability	2 years at room temperature in original sealed container	1 year under normal storage condition	9 months at room temperature in original sealed container	6 months at room temperature in original sealed container
Packaging	55 lb pail 440 lb drum 2200 lb tote	55 lb plastic bag	50 lb PE bag	200 lb drum

### RECOMMENDATIONS FOR APPLICATIONS

STRUKTOL<sup>®</sup> SCA 98 is used to improve the reinforcing capability of fillers with silanol groups on their surface (e.g., silicas, silicates, clays, etc.), and also as an integral part of curing systems to improve crosslinking network properties.

### DOSAGE

Suggested dosage per 100 parts of filler:

	<u>SCA 98</u>	<u>SCA 98 CB</u>	<u>SCA 98 PL</u>	<u>SCA 98 WT</u>
For silica:	3 - 13 parts	6 - 26 parts	6 - 26 parts	4 - 18 parts
For clay and talc:	0.5 - 1 parts	1 - 2 parts	1 - 2 parts	.7 - 1.4 parts

(10/02/17)KAB/abw

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