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**RUBBER CHEMICALS
 -ACCELERATORS-
 SULFENAMIDES**

**CURE-RITE® 18 POWDER
 (Thiocarbamyl Sulfenamide)**

PRODUCT DESCRIPTION:

Cure-Rite® 18 is a non-staining, primary accelerator for natural and synthetic rubbers such as EPDM, SBR, Nitrile and Butyl. Cure-Rite® 18 is more efficient than other sulfenamide accelerators. As a result, a 25% reduction in the sulfenamide portion of an accelerator system is possible when Cure-Rite® 18 is used. This substitution will result in no loss of cure rate while maintaining good physical properties.

TYPICAL PROPERTIES:

Appearance	white powder
Ash.....	0.50% max.
Heat Loss	0.20% max.
Melting Point	133°C min.
Specific Gravity	1.35
Packaging.....	55.1 pound bags

APPLICATION:

Cure-Rite® 18 can be utilized to produce excellent economical, semi-EV cure systems. The preferred dosage ratio is 2 parts Cure-Rite® 18 to 1 part of another sulfenamide like BBTS or CBTS. Sulfur loading should be kept low, 0.4 to 0.6 PHR. Thiazoles may be used in place of the sulfenamides to speed up the cure rate and reduce reversion in natural rubber. Heat aging and compression set properties are outstanding. Processing properties are excellent, providing fast cure rates with good scorch safety. Accelerator Cure-Rite® 18 is also available as a polymer bound dispersion (Akrochex® OTOS-70/EPR/C-LB). Polymer bound or encapsulated dispersions are a proven means of upgrading plant safety, efficiency, quality and raw material control.

T-CURERITE® 18 (ST#-1300 & 1295) TLM 8-2-2019

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