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**RUBBER CHEMICALS**  
**-ACCELERATORS-**  
**SULFENAMIDES**

**ACCELERATOR CBTS (powder & pellets)**  
**(N-cyclohexyl-2-benzothioazole sulfenamide)**

**PRODUCT DESCRIPTION:**

Accelerator CBTS is a delayed action sulfenamide accelerator for use in natural and synthetic rubbers. It can be compounded alone or in combination with many secondary accelerators. CBTS (sometimes referred to as CBS) provides slightly more scorch safety than BBTS.

**TYPICAL PROPERTIES:**

Appearance .....	buff powder or pellet
Melting Point .....	98°C (min.)
Ash.....	0.50% (max.)
Assay.....	94.0% (min.)
Heat Loss .....	0.50% (min.)
Specific Gravity .....	1.30
Packaging.....	55 pound bag

**APPLICATION:**

CBTS yields better scorch resistance than thiazoles. It can be accelerated by thiurams and dithiocarbamates to give shorter cure times. CBTS is non-blooming, but slightly dis-coloring. The recommended dosage range is 0.5 - 3.0 PHR, with the higher level typically being used in concert with an efficient vulcanization (EV) systems and reduced sulfur levels.

**CHEMICAL DISPERSIONS:**

Accelerator CBTS is also available as a polymeric masterbatch. Polymer bound or encapsulated dispersions are a proven means of upgrading plant safety, efficiency, quality and raw material control.

T-CBTS.DOC (1445 & 1466) TLM (6-27-2019)

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