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RUBBER CHEMICALS
-ACCELERATORS-
SULFENAMIDES

ACCELERATOR CBTS

(N-cyclohexyl-2-benzothiazole sulfenamide)

PRODUCT DESCRIPTION:

Accelerator CBTS is one of the most popular delayed action sulfenamide accelerators for natural and synthetic rubbers. It provides better scorch resistance than thiazoles and at the same time can be accelerated by thiurams and dithiocarbamates to give shorter cure times. Accelerator CBTS is non-blooming with the recommended usage range is 0.5 - 3.0 phr. Also, Accelerator CBTS can be used as a retarder for ETU-cured polychloroprene and high thiuram cures. This accelerator disperses readily at temperatures as low as 160°F, although melt temperature is recommended for best dispersion.

TYPICAL PROPERTIES:

Appearance.....	white to tan powder or 2 mm pellets
Specific Gravity	1.30
Melting Point.....	102°C
Ash	0.03%
Assay.....	97.5%
Sieve Residue (100 mesh).....	0.02%
Heat Loss.....	0.08%

CHEMICAL DISPERSIONS:

Accelerator CBTS is also available as Akrospers[®] CBS-75/EPR/S. This polymeric masterbatch contains 75% Accelerator CBTS and has a specific gravity of 1.15. Polymer bound or encapsulated dispersions are a proven means of upgrading plant safety, efficiency, quality and raw material control.

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