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RUBBER CHEMICALS
-ACCELERATORS-
THIURAMS

ACCELERATOR TETD
(Tetraethylthiuram Disulfide)

PRODUCT DESCRIPTION:

Accelerator TETD is a very active, sulfur-bearing, non-discoloring rubber accelerator for use in natural and synthetic rubber systems.

TYPICAL PROPERTIES:

Appearance	buff to light gray granules or powder
Melt Point.	69°C - 73°C
Moisture	< 0.30%
Ash	< 0.30%
Specific Gravity	1.31
Dispersibility	excellent

APPLICATIONS:

TETD functions as a primary accelerator for cure systems requiring very low or no sulfur. It is cure modifier in W/G-type neoprenes. It is often used in conjunction with thiazole or sulfenamide curing systems. Accelerator TETD contains 10.8% available sulfur. Normally zinc oxide and a fatty acid are required when using TETD in a natural rubber application. Sulfur is not required, but is often used. TETD can be blended with TMTD to reduce the tendency of the compound to bloom while maintaining cure activity.

HANDLING PRECAUTIONS:

May cause skin irritation in some individuals. Avoid prolonged skin contact. Avoid breathing dust or vapors. Use adequate ventilation. TETD is a thiuram, which combined with alcohol, causes severe toxic symptoms & skin flushes (antabuse effect).

CHEMICAL DISPERSIONS:

Accelerator TETD is also available as Akroform[®] TETD PM (75). This polymeric masterbatch contains 75% Accelerator TETD and has a specific gravity of 1.20. Polymer bound or encapsulated dispersions are a proven means of upgrading plant safety, efficiency, quality & raw material control. Akrochem polymer bound or encapsulated dispersions eliminate any irritating dust, as well as other potential hazards in handling powders in the plant. The physical form is easy to handle and weigh accurately. As a dispersion, better uniformity of the mix at low process temperatures are possible.

wol - 6/10, t-tetd

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