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RUBBER CHEMICALS -ACCELERATORS- THIAZOLES

ACCELERATOR MBT (2-Mercaptobenzothiazole)

PRODUCT DESCRIPTION:

A very active non-discoloring organic accelerator, active above 230°F. Requires zinc oxide, fatty acid and sulfur. May produce scorch at processing temperatures, but additional processing safety can be obtained by the use of Retarder BA, Retarder AK, or Retarder SAFE. Excellent as primary accelerator in slower curing polymers like EPDM and Butyl.

MBT is activated by aldehyde amines, dithiocarbamates, alkaline and basic materials in general, guanidines, and thiurams. Activated MBT may be scorchy.

TYPICAL PROPERTIES:

Appearance	off white powder
Melting Point	173 °C
Activity	98 %
Heat Loss	0.30 %
Ash.....	0.15 %
Specific Gravity.....	1.54

CHEMICAL DISPERSIONS:

Accelerator MBT is also available as Akroform[®] MBT-75/EPR/P. This polymeric masterbatch contains 75% Accelerator MBT and has a specific gravity of 1.32.

Akrochem polymer bound or encapsulated dispersions are a proven means of upgrading plant safety, efficiency, quality & raw material control. They 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.

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