



255 Fountain Street Akron, Ohio 44304-1991
 330-535-2100 ♦ 800-321-2260 ♦ Fax 330-535-8947

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
MBT/MG	fine bead
MBT Pdr	powder
MBT Pellet.....	pellet
Melting Point.....	173 °C
Activity.....	98 %
Heat Loss.....	0.30 %
Ash	0.15 %
Specific Gravity	1.50

CHEMICAL DISPERSIONS:

Accelerator MBT is also available as Akrosperse[®] MBT-75/EPR/S. This polymeric masterbatch contains 75% Accelerator MBT and has a specific gravity of 1.28.

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.

gpb 03/10, t-mbt

Included with its product literature and upon the request of its customers, Akrochem provides product specifications and evaluations, suggested formulations and recommendations and other technical assistance, both orally and in writing (collectively the "Technical Information"). Although Akrochem believes all Technical Information to be true and correct, it makes no warranty, either express or implied, as to the accuracy, completeness, or fitness of the Technical Information for any intended use, or the results which may be obtained by any person using the Technical Information. Akrochem will not be liable for any cost, loss or damage, in tort, contract or otherwise, arising from customer's use of Akrochem products or Technical Information. It is the customer's sole responsibility to test the products and any Technical Information provided to determine whether they are suitable for the customer's needs. Before working with any product, the

customer must read and become familiar with available information concerning its hazards, proper use, storage and handling, including all health, safety, and hygiene precautions recommended by the manufacturer. Nothing in the Technical Information is intended to be a recommendation to use any product, method, or process in violation of any intellectual property rights governing such product, method, or process. No license is implied or granted by Akrochem as to any such product, method, or process. AKROCHEM CORPORATION DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE, RELATED TO ANY PRODUCTS OR TECHNICAL INFORMATION PROVIDED BY AKROCHEM.