



SOVEREIGN CHEMICAL COMPANY

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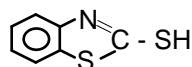
Sovchem® MBT Powder

Manufacturer: Sovereign Chemical Company

Classification: Thiazole Accelerator

Chemical Composition

Chemical Structure:



Empirical Formula: C₇H₅NS₂

Molecular Weight: 167.26

CA Nomenclature: 2-Mercaptobenzothiazole

Physical Data

Specification Properties

	Value	Test Method
Melting Point (initial), ° C	171 minimum	GB11409.1
Melting Point (final), ° C	182 maximum	GB11409.1
Heat Loss, % by mass	0.50 maximum	GB11409.4
Ash Content, % by mass	0.40 maximum	GB11409.7-89
Sieve Retention, % on 150 micron	0.10 maximum	GB11409.5-89
Sieve Retention, % on 63 micron	0.50 maximum	GB11409.5-89
Purity, %	95.0 minimum	Supplier

Typical Properties

	Value	Test Method
Physical Form	Pale yellow powder	Visual

Applications

Uses: Used as an acid accelerator currently and a medium fast primary accelerator. Imparts excellent aging properties when used both alone and in combination with many basic accelerators. Its accelerative temperature is low and the product can easily be dispersed with lower pollution. Mainly used in manufacture of tires, tubes, foot wear, rubber belts, and hoses.

Packaging and Storage

Packaging: 25 kg (55.1 lb) bag or special packaging as requested.

Shelf Life: 2 years from date of manufacture if stored as indicated below

Storage: Product should be stored in cool, dry place with good ventilation, avoiding exposure of the packaged product to direct sunlight.

Specification Date: May 23, 2011 (Supersedes: August 26, 2010)