

## PRODUCT DATA SHEET

### **Accicure MBTS : Semi ultra Thiazole Accelerator**

Composition : Dibenzthiazyl disulphide

#### **Physical Properties**

Appearance : Cream white powder / pellets.  
Sp Gr. at 25°C : 1.54 (Typical)

#### **Typical Analysis**

Parameter		Limits	Test method
Melting Point	(°C)	165 min	ASTM D 1519
Loss at 100°C for 2 hours	(%)	0.5 max	D 4571
Ash Content	(%)	0.4 max	D 4574
MBT Content	(%)	1.5 max	D 5044

#### **Solubility**

Insoluble in water, alcohol and petroleum ether. Slightly soluble in chloroform.

#### **Notes on Uses**

Accicure MBTS is a fast curing accelerator giving vulcanisates with ultimate properties closely similar to those of Accicure MBT. The most noticeable difference is the much greater scorch resistance of Accicure MBTS. Like Accicure MBT, Accicure MBTS gives extremely good ageing properties; it is practically non-staining and similarly needs the addition of stearic acid to function at its maximum efficiency. In combination with guanidines, thiurams and dithiocarbamates, it gives rapid curing but safe mixtures, In Neoprene, it serves as an antiscorch agent. Typical usage in rubber varies from 1.0 – 1.5 phr.

#### **Storage and Handling**

Stable indefinitely under normal storage conditions.

No special handling precautions are necessary. Normal precautions to avoid contact with skin and eyes should be followed. For eyes, flush with plenty of water and seek medical advice.

#### **Packaging**

25 Kg. in HDPE lined Paper Bags.

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