

## PRODUCT DATA SHEET

### **Accicure BSB** : Delayed action Sulphenamide Accelerator

Composition : Tert-Butylbenzthiazyl Sulphenamide

#### **Physical Properties**

Appearance : Off white to pale green powder / pellets.

Sp Gr. at 25°C : 1.3 (Typical)

#### **Typical Analysis**

Parameter		Limits	Test method
Melting Point	(°C)	106 min	ASTM D 1519
Loss at 60°C for 2 hours	(%)	0.5 max	D 4571
Ash Content @ 800°C	(%)	0.5 max	D 4574
Methanol Insolubles	(%)	0.5 max	D 4934

#### **Solubility**

Insoluble in water. Soluble in methanol, slightly soluble in petroleum ether.

#### **Notes on Uses**

Accicure BSB is a delayed action accelerator with intermediate scorch safety between Accicure HBS and Accicure BSM. Accicure BSB gives higher cure rates and increasing amount of scorch safety is achieved with the increase of concentration in NR based compounds.

When used in conjugation with Accitard RE, fast curing yet very safe systems are obtainable in compounds containing reinforcing blacks, e.g, tyre tread, extrudable and camelback compounds. Typical dosage in NR varies from 0.5 – 1.0 phr and in SBR from 1.0 – 1.5 phr. It can be suitably boosted with Accicure TMT / Accicure ZDC to give fast curing yet safe processing compounds.

#### **Storage and Handling**

It is recommended to be stored in a cool and dry place, storage stability being intermediate between Accicure BSM and Accicure HBS. It is advisable not to store for more than six months. 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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