

PRODUCT DATA SHEET

Accicure BSM :Delayed action Sulphenamide Accelerator

Composition : 2-(morpholiniothio)benzothiazole

Physical Properties

Appearance : Off white pale yellow granules/flakes/pellets.
Sp Gr. at 25°C : 1.34 (Typical)

Typical Analysis

Parameter		Limits	Test method
Melting Point	(°C)	81 min	ASTM D 1519
Loss at 60°C for 2 hours	(%)	0.5 max	D 4571
Ash Content @ 800°C	(%)	0.4 max	D 4574
Methanol Insolubles	(%)	0.5 max	D 4934

Solubility

Insoluble in water. Soluble in chloroform; slightly soluble in toluene.

Notes on Uses

Accicure BSM is a delayed action accelerator; its general characteristics closely resemble Accicure HBS, but with better scorch resistance. It is of particular value in tyre tread and other compounds containing reinforcing furnace blacks. Accicure BSM is also useful with siliceous fillers and in other rubber compounds where maximum processing safety is required. When used in conjunction 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 dosages from 1.0 – 1.5 phr are normally used.

Storage and Handling

It is recommended to be stored in a cool and dry place, since it tends to decompose under tropical conditions of storage exhibited by the growth of methanol insolubles. 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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