

PRODUCT DATA SHEET

Accicure MS : Ultra Thiuram Accelerator

Composition : Tetramethyl thiuram monosulphide

Physical Properties

Appearance : Lemon yellow powder
Sp Gr at 25°C : 1.38 (Typical)

Typical Analysis

Parameter		Limits	Test method
Melting Point	(°C)	105 min	ASTM D 1519
Loss at 100°C for 2 hours	(%)	0.5 max	D 4571
Ash Content	(%)	0.5 max	D 4574

Solubility

Insoluble in water. Soluble in chloroform.

Notes on Uses

Accicure MS is a fast accelerator often used as a booster for good processing safety in comparison with other thiurams. Unlike thiuram disulphides, the monosulphides do not produce satisfactory cures in complete absence of elemental sulphur. Typical dosage: 0.2 – 0.5 phr.

In polychloroprene rubbers, Accicure MS(1.0 phr)used with DPG or DOTG (1.0 phr) and sulphur (0.5 phr) gives a curing system which is a useful alternative to ethylene thiourea (ETU). It offers better processing safety with similar curing activity.

Storage and Handling

Stable (for a period of one year) 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

20 Kg. in HDPE lined Paper Bags.

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