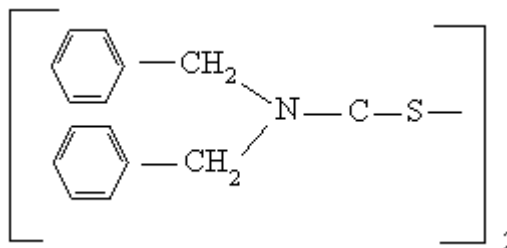


**SOVEREIGN CHEMICAL COMPANY**

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Sovchem® TBzTD Oiled Powder**Manufacturer:** Sovereign Chemical Company**Classification:** Tetrabenzyl thiuram disulfide**Chemical Structure:****Molecular Formula** $C_{30}H_{28}S_4N_2$ **Physical Data****Specification Properties**

	Value	Test Method
Melting Point, °C	128 minimum	GB11409.1
Loss on Drying, %	0.50 maximum	GB11409.4
Ash Content, %	0.50 maximum	GB11409.7-89
Sieve Residue, % @ 150 μ	0.10 maximum	GB11409.5-89
Sieve Residue, % @ 63 μ	0.50 maximum	GB11409.5-89
Additive, %	1.0-2.0	In Process

Typical Properties

Color	Light Yellow	Visual
Assay, %	95.0 minimum	Supplier

Applications

A fast curing primary or secondary accelerator in NR, SBR and NBR applications. Safer for processing than TMTD because it provides longer scorch times. Also used as a retarder in the vulcanization of PVC rubber. Developed to replace thiurams such as TMTD where the presence of nitrosamines is of concern. The dibenzylthiuram is not carcinogenic according to published literature.

Packaging and Storage**Packaging:** 25 kg (55.1 lbs) bag**Shelf Life:** 1 year from date of manufacture if stored as indicated below.**Storage:** Store in a cool dry environment with good ventilation away from direct sunlight. Product will become compacted if pallets are stacked or temperatures rise above 35°C.

Specification Date: May 18, 2011 (Supercedes: New)