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-NOCIL-		PILCURE® TMT
NOCIL LIMITED		ACCELERATOR
Chemical Name	Tetramethyl thiuram disulfide (TMTD)	
Chemical Structure	H ₃ C, CH ₃	
	N-C-S-S-C-N H ₃ C S S CH ₃	
	H ₃ C´ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	
CAS Reg. No.	137-26-8	
Mol. Wt.	240	
Product Specification		
Parameter	Limits	Test Method
Product form	Powder (OT)	-
Colour	Off white-Cream	-
Assay (titration), % (min)	96.0	D 4936
Melting Point, initial, °C (min)	142.0	D 1519
Melting point, final, °C (min)	147	D 1519
Heat Loss, % (max)	0.5	D 4571
Ash, % (max)	0.3	D 4574
Paraffinic Oil (<0.2% PCAH), %	1.0 - 2.0	NOCIL G-40
Residue on 150 µm sieve, % (max)	0.0	D 5461
Residue on 63 µm sieve, % (max)	0.3	D 5461
Typical Data		
Specific gravity at 25°C	1.43	D 1817
Bulk density, kg/m ³	260 - 300	NOCIL G-44
Bulk density (Comp), kg/m ³	350 - 390	NOCIL G-44
Product Information		
Solubility	Soluble in methyl chloride, partly soluble in alcohol. Insoluble in water.	
Classification	Ultra fast accelerator.	
Discoloration & Staining	Non-discoloring and Non-staining	
FDA Approval Status	Regulated for use in articles in contact with food under FDA 21 CFR 177.2600, 175.105, and BgW XXI categories 1-4 & 'Sonderkategorie'.	
Toxicity Data (Please refer to the latest Toxicological information.)	Harmful by mouth. (Oral LD ₅₀ rat 780-1300 mg/kg). A substance of moderate toxicity, slight eye & skin irritant and skin sensitizer. Can cause alcohol intolerance by inhalation of dust or absorption through skin.	
Handling & Personal Protection	Ensure good ventilation and avoid creating dusty atmosphere. In case of eye or skin contact wash out with clean water for 5 to 10 minutes and seek medical advice urgently if swallowed.	
Storage	Always store in a cool (below 35°C) & dry place in single stack pallets away from direct sun light or any other heat source to avoid grit formation.	
Packaging		
Paper-Fabric Bag	20 kg	
FIBC	-	
Storage Life	24 months	
Colour code	Orange colored strip.	