

**TECHNICAL DATA SHEET**

Product Name : Mercure F		Spec. Ref. No. : TDS 05		
Chemical Name/ Chemical Composition : Physical blend of Thiazole accelerator and secondary accelerators		Date of Issue : 01.06.2015		
CAS Reg. No : Not applicable		Issue No. : 5		
Physical Appearance : Pale yellow powder		Rev. No. : 0		
Product Specifications				
Characteristics	Unit	Limits		Test Method
		LSL*	USL**	
Melting point Initial Final	°C	142.0 145.0	--	ASTMD 1519A
Loss on drying (60°C / 2 hrs)	%	--	0.75	ASTMD 4571
Ash Content (760°C / 2 hrs)	%	--	0.75	ASTMD 4574
Fineness through 100 mesh	%	99.90	--	ASTMD 5461
Periodic Audit Test ***				
Specific gravity @ Room Temperature	--	1.35	1.45	ASTMD 1817
Oil content	%	1.0	2.0	MERCHEM QWI 07
Bulk Density	Kg/m ³	350	400	MERCHEM QWI 118
Product Information				
Solubility	Soluble in Chloroform; partly soluble in water and Alcohol. Insoluble in Benzene and Petroleum Ether.			
Classification	Semi Ultra fast Accelerator.			
Discoloration and staining	Non discoloring and Non staining.			
Regulatory Approval Status	Contains MBTS. Regulated for use in articles in contact with food under FDA 21 CFR 177.2600, 175.105 and as specified under BfR XXI categories 1-4.			
Toxicity data	May cause an allergic skin reaction on contact with skin; dust may cause irritation to eyes. May cause mild respiratory irritation. Harmful to aquatic organisms, harmful if swallowed. Oral LD50/rat > 7500mg/Kg .			
Handling and Personal protection	Avoid breathing dust, contact with skin and eyes. . In case of eye or skin contacts wash with clean water for 15 minutes. Obtain medical advice urgently. If swallowed seek immediate medical assistance. Ensure good ventilation and local exhaustion of the working area. Wear suitable respiratory protective equipment, gloves, safety goggles.			
Storage	Always store in ambient temperature and in dry & well ventilated area. Keep away from oxidizing agents, acids, alkalis, moisture, heat and direct sunlight. In common with many organic compounds in powder form it can produce flammable dust clouds in air.			
Package				
Paper Bag (PP Woven sack ESKP with inner PP liner)	20 Kg			
FIBC	-			
Shelf life	12 Months			
Colour code	Green			

*Lower Specification limit **Upper Specification Limit ***Defined in Finished Goods Inspection plan

Prepared by : PG	Approved by: RBV
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