

**TECHNICAL DATA SHEET**

Product Name : Meretard PVI		Spec. Ref. No. : TDS 34		
Chemical Name/ Chemical Composition : N-(Cyclohexylthio)phthalimide )		Date of Issue : 01.06.2015		
CAS Reg. No : 17796-82-6		Issue No. : 5		
Physical Appearance : White to light tan crystalline powder		Rev. No. : 0		
Product Specifications				
Characteristics	Unit	Limits		Test Method
		LSL*	USL**	
Melting point Initial Final	°C	86.0 90.0	--	ASTMD 1519A
Loss on drying (60°C / 2 hrs)	%	--	0.50	ASTMD 4571
Ash Content (760°C / 2 hrs)	%	--	0.40	ASTMD 4574
Toluene Insolubles	%	--	0.50	ASTMD 4934
Assay by HPLC	%	95.0	--	MERCHEM QWI 166
Periodic Audit Test***				
Specific gravity @ Room Temperature	--	1.30	1.40	ASTMD 1817
Bulk Density	Kg/m <sup>3</sup>	500	700	MERCHEM QWI 151
Product Information				
Solubility	Soluble in most organic solvents, insoluble in water.			
Classification	Pre -Vulcanization Inhibitor.			
Discoloration and staining	Non staining and Non discoloring .			
Regulatory Approval status	Not regulated for use in FDA food contact applications. Regulated for use in articles in contact with food as specified under BfR XXI category 4.			
Toxicity data	Slightly toxic (Oral LD50 rat: over 2600 mg/kg). Repeated or prolonged skin contact may cause irritation or sensitization. Inhalation of odor may cause nausea. Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.			
Handling and Personal protection	Prevent skin contact and contamination of clothing. Avoid breathing dust and ensure good ventilation and local exhaustion of the working area. Wash thoroughly with soap and water after handling.. In case of eye / skin contacts wash with water for 10 to 15 minutes.			
Storage	Always store in ambient temperature and in dry, & well-ventilated area. Dust- air mixture may ignite violently upon exposure to spark and source of ignition. Avoid exposure to sun light, heat, water, humidity, acids, alkalis, solvents and acidic fumes.			
Package				
Paper Bag (PP Woven sack ESKP with inner PP liner)	20 Kg			
FIBC	-			
Shelf life	12 months			
Colour code	Dark blue			

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

Prepared by : PG	Approved by: RBV
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