



## SHREE BOND – OSCH M

### TECHNICAL DATA SHEET

#### Product - Trade Name

SHREE BOND – OSCH M

#### Classification

Dry Bonding Agents – Methylene Donor  
Hexamethylene tetramine (HMT)

#### Composition

Oil treated Silica coated Hexamethylene tetramine (HMT)

#### Physical Properties

Physical form : Fine white powder.  
Sp. Gr. @ 25°C : 1.27 +/- 0.01

#### Chemical Properties

Fineness through 100 mess dry sieve	%	99 min
Active Contents (Assay)	%	90 Min
Ash content @ 850°C	%	2.5 ± 5
Moisture, Karl Fisher	[%by wt]	0.6 max
Petroleum Ether Extract	%	2.0 ± 5

#### Solubility

Alcohol : Partially soluble  
Petroleum Ether : Partially soluble  
Water : Partially Soluble

#### Processing behavior

It is safe in processing both all type of Reinforced compounds. In conjunctions with retarders its processing safety is further improved. Basically applied as a component of Dry Bonding Agents. It is suggested to applied in final mix in case of two stage mixing. In case of single stage mixing, it is required to applied at the end of the mixing cycle along with an accelerator.

Note: Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy itself of the suitability for its own particular purpose. SRPL gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that law prevents such exclusion. implied warranty or condition (statutory or otherwise) is excluded except to the extent that law prevents such exclusion.

#### Recommended Dosage

SHREEBOND- HM65 : 4 – 5 phr  
Resorcinol Donor : 3 – 4.5 phr

#### Advantages

- 1.Easy to operate/handle
- 2.Easily dispersed in compounds

#### Application

**SHREE BOND – OSCH M** has been successfully designed to meet demanding and fix requirement of cord rubber properties in all the ruber industry. It provides very good fatigue resistance and adhesion.

#### Handling Precautions

Need to avoid contact with eyes.  
Avoid contact with skin.  
Irritating to the eyes.

#### Packaging

25/ 50 kgs in HDPE bags.

#### Storage Properties

It is stable for 12 months.  
If kept in cool dry place in tightly closed packing. Absorption of moisture leads to caking and decreased dispersibility of the product. Keep away from oxidising agents.

#### Shelf Life

12 months from the date of manufacturing

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