



RUBBOND SCH

TECHNICAL DATA SHEET

Issue No
002/02

Revision Date
17.07.2018

Product - Trade Name

RUBBOND SCH

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

Active content (Assay) [%]		97 min
Ash content @ 850°C [%]		2.6 +/- 1
Moisture, Karl Fisher [%by wt]		0.5 max
Fineness through 100 mess dry sieve [%]		99 min

Solubility

Alcohol : Partly soluble
Pet. Ether : Partly soluble
Water : Partly soluble

Storage properties

Stable for one year, 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.

Processing behavior

It is safe in processing both non-black and black Reinforced compounds. In conjunctions with retarders its processing safety is further improved.

Principally used as a component of Dry Bonding Agents. It is recommended for use in final mix in case of two stage mixing. In case of single stage mixing, it is advisable to use at the end of the mixing cycle along with an accelerator.

Application

RUBBOND SCH has been successfully designed to meet the stringent needs of cord – rubber properties of tyre and non-tyre industries. It offers a balanced combination of good adhesion and excellent fatigue resistance in conjunction with Resorcinol Donors through formation of an in-situ resin.

Handling Precaution

Normal precaution to avoid contact with skin and eyes should be followed.
Skin contamination: Wash liberally with soap and water.
Eye contamination : Immediately wash out thoroughly with plenty of clear water for at least 15 minutes.
Refer MSDS for complete details

Packaging

25 kg in HDPE laminated paper bag.

Storage properties

Stable for one year, when stored tightly at normal room temperature.

Shelf Life

12 months from the date of manufacturing.

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. RCPL 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.

RAJSHA CHEMICALS PRIVATE LIMITED

www.twc.in

Works:

Block No.: 637, Lamdapura Road, At. Manjusar
PO: Lamdapura, Ta: Savli, Dist. Vadodara 391 775, India
Tel – +91 9662049271
Email – office@rajsha.com

Head Office:

3C Hi Tech Chambers, 84/1B Topsia Road (S)
Kolkata 700 046, West Bengal, India
Tel – 2285 1278 / 1279. Fax - +91 33 2285 1280
E mail – info@twc.in