



RUBBOND® SCH

TECHNICAL DATA SHEET

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Product - Trade Name
RUBBOND® SCH

Classification

Dry Bonding Agents – Methylene Donor
Hexamethylene tetramine (HMT)

Composition

Silica coated Hexamethylene tetramine (HMT)

Physical properties:

Parameter	Specification
Physical Form	Fine white powder
Sp. Gravity @25°C	1.35±0.05

Chemical Properties:

Parameter	Specification	Test Method [ASTM/RCPL]
Active content (Assay), %	97±1	IS4306 / T-07
Ash content, % @850 °C/1Hr.	2.5±1	D4574
Moisture, % by wt. (Karl Fischer)	0.5 Max	E203
Fineness thru 100 mesh (dry sieve), %	99 Min	D4572

Solubility

Alcohol : Partly soluble
Petroleum 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 oxidizing 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.

Shelf Life

12 Months from the date of manufacturing.

REACH Compliance:

Material is meeting the REACH compliance.

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.

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