



# RUBWAX 654

## TECHNICAL DATA SHEET

**Issue No**  
002/02

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17.07.2018

**Product - Trade Name**

RUBWAX 654

**Classification**

MICRO CRYSTALLINE WAX (Anti-Ozone Waxes)

**Composition**

Hydro-carbon wax having mixture of normal paraffins & Iso paraffins.

It is well aware that ozone is a major contributor for degradation of rubber and rubber products. Addition of waxes in rubber act by migrating to the surface where they form a thin inert film that serves as a barrier to ozone. M. C. Waxes are tuned complex blends of fully refined paraffin wax and micro crystalline waxes which protects rubber and rubber products against ozone. The ranges of our Micro Crystalline wax blends are covered by broad temperature spectrum.

**Physical properties**

Form : Pastilles  
Colour : White to light yellow  
Sp. Gr. @ 25°C : 0.90 ± 0.04

**Chemical properties**

Congealing point	68 ± 2°C
Ash Content (% by wt)	0.1 max

**Processing**

The pastilles form provides easier weighing and mixing. To ensure a good dispersion it is recommended to add the MC Wax right at the beginning of the mixing cycle. The mixing temperature should exceed the melting point of the anti-check wax.

**Application**

Tyres, conveyor belts, cable coverings, footwear, as well as technical moulded and extruded articles (profiles). M C waxes are recommended for following rubber grades to inhibit cracking, frosting & ozone protection.

- Natural Rubber
- Chlorinated Rubber
- Styrene Butadiene Rubber
- Nitrile Butadiene Rubber
- Poly Butadiene Rubber & other synthetic rubbers

**Storage stability**

Unlimited, if stored at temperatures not exceeding 35°C; at higher temperatures caking may occur. This, however, has no effect on the performance.

**Handling precautions**

Under normal condition of use no problem. Refer MSDS for complete details

**Packaging**

25 kg in HDPE laminated paper bag / cartons

**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. RCP 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](http://www.twc.in)

**Works:**

Block No.: 637, Lamdapura Road, At. Manjusrar  
PO: Lamdapura, Ta: Savli, Dist. Vadodara 391 775, India  
Tel – +91 9662049271  
Email – [office@rajsha.com](mailto: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](mailto:info@twc.in)