



Joe Mama's Carnauba Wax

TECHNICAL DATA SHEET

1. Product Identification

Product Name	Joe Mama's Carnauba Wax
Product Code	TSCWX-150 / TSCWX-250
Pack Size	150 g and 250 g pouch
Document No.	TDS-JMCWX-001
Revision Date	June 2026
Brand	Joe Mama's

2. Product Description

Joe Mama's Carnauba Wax is pure, refined carnauba wax supplied in flake form for makers and hobbyists. Carnauba is the hardest of the natural plant waxes, harvested from the leaves of the Brazilian carnauba palm (*Copernicia prunifera*). Added in small quantities to wood-care pastes, oils and polishes, it raises the melting point and hardness of the blend, improves water resistance and lifts the cured finish to a durable, high-gloss satin sheen. It is plant-derived and food-safe.

Joe Mama's is a brand of ToolShark Holdings. Packed in small batches in Cape Town, South Africa.

3. Composition

Component	CAS No.	Typical %
Carnauba wax (refined)	8015-86-9	100% w/w

4. Physical & Chemical Properties

Appearance	Hard pale-yellow to cream flakes
Odour	Faint, characteristic (mild)
Melting point	Approx. 82 – 86 °C
Solubility in water	Insoluble
Flash point	Not classified as flammable under normal use

5. Application Instructions

- Gently melt the required amount in a double boiler or heat-safe container over low heat.
- Blend into your own oil or wax recipe — typically 5–20% by weight — to add hardness, gloss and water resistance.

- Stir until fully combined, then pour or decant and allow the blend to set.
- Apply the finished blend to clean, dry timber with a lint-free cloth; buff to a soft sheen once cured.
- A little goes a long way — start with a small proportion and increase to taste.

6. Safety & Regulatory Information

Carnauba wax is a naturally derived, plant-based wax widely used in food, confectionery and cosmetic applications. It complies with food-contact use under FDA 21 CFR 184.1978 (carnauba wax, GRAS) and is permitted as food additive E903. The finished product is non-toxic and suitable for surfaces that contact food once any excess has been buffed off.

7. Storage & Shelf Life

Store in a cool, dry place out of direct sunlight. Reseal the pouch after use. Carnauba wax is very stable; typical shelf life is 36 months or more from date of manufacture when stored as directed.

8. Disclaimer

The information in this Technical Data Sheet is provided in good faith and believed to be accurate at the date of issue. It does not constitute a Safety Data Sheet (SDS). The user is responsible for determining the suitability of the product for their intended use.