12C, Aryan Estate, Opp. Sandhiyapool,
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waxproduct.com · GSTIN 24CVFPK5041M1ZH

SAFETY DATA SHEET (as per GHS)

Paraffin Wax

Fully Refined (FRPW) & Semi Refined (SRPW) Paraffin Wax

Document no.	Issue date	Base material CAS	GHS
MI/SDS/PW/01	19 Oct 2026	8002-74-2	Not classified

1. Identification of the substance and supplier

Product name	Paraffin Wax (Fully Refined / Semi Refined) – Maruti Industries
Synonyms / grades	Petroleum wax, hard paraffin, FRPW, SRPW
CAS No.	8002-74-2
EC No.	232-315-6
Recommended use	Candles, packaging, board coating, rubber, match, polishes and general industrial use
Uses advised against	Food contact, cosmetic or medicinal use unless the grade is specifically certified for it
Supplier	Maruti Industries, 12C, Aryan Estate, Opp. Sandhiyapool, Haria College Main Road, Jamnagar, Gujarat – 361004, India
Telephone / e-mail	+91 72270 78484 / +91 70432 11113 · marutiwaxroll@gmail.com
Emergency telephone	+91 72270 78484 (office hours)

2. Hazards identification

GHS classification	Not classified as hazardous according to GHS
Label elements	No pictogram · No signal word · No hazard statements
Other hazards	Molten wax causes thermal burns. Fumes from overheated wax may irritate eyes and respiratory tract. Spilled molten or powdered wax can create a slip hazard.

3. Composition / information on ingredients

Main component	Paraffin waxes and hydrocarbon waxes (CAS 8002-74-2) > 99 %
Minor components	None above reportable limits
Form	Slabs, pellets or granules · Oil content: FRPW < 0.5 %, SRPW 1–5 % (by grade)
Hazardous ingredients	None above reportable limits

4. First-aid measures

Skin – molten wax	Cool immediately with plenty of cold water. Do not peel off solidified wax. Get medical attention for burns.
Skin – solid	No special measures; wash with soap and water.
Eyes	Rinse with water for several minutes. Get medical attention if irritation persists or for molten wax contact.
Inhalation of fumes	Move to fresh air. Get medical attention if symptoms persist.
Ingestion	Not expected to be harmful. Rinse mouth; do not induce vomiting.

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5. Fire-fighting measures

Suitable media	Foam, dry chemical powder, CO_2, water spray / fog
Unsuitable media	Direct water jet on molten wax (may cause spattering)
Specific hazards	Combustible when heated. Combustion gives carbon monoxide, carbon dioxide and smoke.
Protection for fire-fighters	Self-contained breathing apparatus and full protective clothing

6. Accidental release measures

Personal precautions	Avoid contact with molten material. Be aware of slip hazard.
Environmental precautions	Prevent entry into drains and water courses.
Clean-up	Allow molten wax to solidify; scrape or sweep up and place in containers for reuse or disposal.

7. Handling and storage

Handling	Avoid overheating. Use adequate ventilation when melting. Keep away from open flames when molten. Do not use hooks on bags.
Storage	Store in a cool, dry, well-ventilated place away from heat, sparks and strong oxidisers, preferably below 35 °C.

8. Exposure controls / personal protection

Exposure limit	Paraffin wax fume: 2 mg/m³ (ACGIH TLV-TWA)
Engineering controls	Local exhaust ventilation where wax is heated or fumes are formed
Eye protection	Safety glasses; face shield when handling molten wax
Hand protection	Heat-resistant gloves for molten wax
Respiratory protection	Not normally required; use suitable mask if fumes are generated

9. Physical and chemical properties

Appearance	White to off-white solid – slabs, pellets or granules
Odour	Odourless / faint
Melting point	Approx. 56–66 °C (depending on grade)
Flash point	Typically above 200 °C (COC)
Density	Approx. 0.88–0.92 g/cm³ at 20 °C
Solubility in water	Insoluble
Solubility	Soluble in hydrocarbon solvents

10. Stability and reactivity

Stability	Stable under normal conditions of storage and use
Conditions to avoid	Excessive heat, open flames, sources of ignition
Incompatible materials	Strong oxidising agents
Hazardous decomposition	Carbon monoxide and carbon dioxide on combustion

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11. Toxicological information

Acute toxicity	Low. Oral LD50 (rat) > 5,000 mg/kg (literature value for paraffin wax).
Skin / eye	Not irritating in solid form; molten wax causes thermal burns
Sensitisation	Not a sensitiser
Carcinogenicity	Highly refined paraffin wax is not classified as carcinogenic

12. Ecological information

Ecotoxicity	Not expected to be harmful to aquatic organisms because of very low water solubility
Persistence	Slowly biodegradable
Bioaccumulation	Not expected

13. Disposal considerations

Product	Reuse or recycle where possible; otherwise dispose of by incineration or landfill in line with local regulations
Packaging	Empty bags and cartons may be recycled or disposed of as non-hazardous waste

14. Transport information

UN number	Not regulated
Road / rail / sea / air	Not classified as dangerous goods (ADR, IMDG, IATA)

15. Regulatory information

Status	Not classified as hazardous. Follow applicable national and local regulations for storage and use.

16. Other information

Issue date / revision	19 Oct 2026 / Rev. 00
Prepared by	Maruti Industries, Jamnagar
Disclaimer	The information in this SDS is based on our present knowledge of paraffin wax and is given in good faith. It describes the product for safety purposes only and does not constitute a specification or warranty. Users must make their own assessment of suitability. Refer to the Certificate of Analysis for batch values.