

**Material Safety Data Sheet (MSDS)**
Paraffin Wax 5–7%**1. Identification**

Item	Description
Product Name	Paraffin Wax 5–7%
Product Type	Semi-refined petroleum wax
Recommended Use	Candles, packaging, cosmetics, coatings, rubber
Chemical Family	Hydrocarbons
CAS Number	Eight zero zero two – seven four – two
UN Number	Not regulated

2. Hazard Identification

Classification	Description
GHS Classification	Not classified as hazardous
Health Hazards	May cause mild irritation if overheated
Physical Hazards	Molten wax may cause thermal burns
Environmental Hazards	Not classified as environmentally hazardous

Emergency Overview:

Solid material at room temperature. Slippery if spilled. Molten material may cause burns.

3. Composition / Information on Ingredients

Component	Concentration
Petroleum Paraffin Wax	More than ninety percent
Mineral Oil	Five to seven percent

4. First Aid Measures

Exposure Type	First Aid
Inhalation	Move to fresh air if fumes are inhaled
Skin Contact	Wash with soap and water
Molten Wax Burns	Cool immediately with cold water, do not remove solid wax
Eye Contact	Rinse with clean water for at least fifteen minutes
Ingestion	Do not induce vomiting, seek medical advice



5. Firefighting Measures

Item	Description
Suitable Extinguishing Media	Foam, dry chemical, carbon dioxide
Unsuitable Media	Direct water jet
Fire Hazards	Combustible at high temperatures
Protective Equipment	Self-contained breathing apparatus

6. Accidental Release Measures

Measure	Description
Personal Precautions	Avoid slipping hazard
Environmental Precautions	Prevent entry into drains
Cleanup Method	Allow to solidify, scrape and collect
Disposal	According to local regulations

7. Handling and Storage

Item	Recommendation
Handling	Avoid contact with molten material
Storage Temperature	Store in cool, dry place
Storage Conditions	Keep away from heat and ignition sources
Shelf Life	Long shelf life under proper storage

8. Exposure Controls / Personal Protection

Protection Type	Recommendation
Eye Protection	Safety glasses when molten
Hand Protection	Heat-resistant gloves
Respiratory Protection	Not required under normal use
Ventilation	Adequate ventilation during melting



9. Physical and Chemical Properties

Property	Value
Physical State	Solid
Color	White to light yellow
Odor	Slight
Melting Range	Fifty two to fifty eight °C
Flash Point	Above two hundred °C
Density at seventy °C	Approximately zero point seven eight g/cm ³
Water Solubility	Insoluble

10. Stability and Reactivity

Item	Description
Chemical Stability	Stable under normal conditions
Conditions to Avoid	Excessive heat
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition	Carbon oxides if burned

11. Toxicological Information

Exposure Route	Effect
Skin	Non-toxic, possible irritation if hot
Eyes	Mild irritation
Inhalation	Fumes may irritate respiratory tract
Chronic Effects	None known

12. Ecological Information

Aspect	Description
Biodegradability	Low
Aquatic Toxicity	Not expected to be harmful
Environmental Impact	Minimal under normal use

**13. Disposal Considerations**

Dispose in accordance with local, regional, and national regulations. Do not release into water systems.

14. Transport Information

Mode	Status
Road	Not regulated
Sea	Not regulated
Air	Not regulated

15. Regulatory Information

This product is not classified as hazardous according to international chemical regulations.

16. Other Information

The information provided is based on current knowledge and is intended for industrial use guidance only.