

Material Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product name : **Petrowax 310**

Description: Paraffin wax

Details of the company of the safety data sheet

Company : Permanite Industrial Products

Address : Unit 17c 4/8 Rana Road, Isipingo Rail

Telephone: 0319023227

Emergency Telephone Numbers

Emergency number : 082 653 5062

Working hours : 7am –16:30pm

SECTION 2: Hazards identification

Classification of the substance or mixture: Not classified

Main hazard: Can cause burns in molten state

SECTION 3: Composition/information on ingredients

Mixtures

Chemical name	CAS-No.	EINECS No.
Hydrocarbon paraffinitic mixture	8002-74-02	232-315-6

SECTION 4: First aid measures

Description of first aid measures

Eyes- In case of eye contact:

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

Skin - In case of skin contact:

If in contact with hot product, cool with water. Remove contaminated clothing. Cover wound with sterile dressing. Seek medical attention

Ingestion - In case of ingestion:

Do not induce vomiting. Call for a doctor immediately.

Inhalation In case of inhalation:

In case of inhalation remove the casualty into fresh air.

General Information

Remove contaminated soaked clothing immediately.

Avoid contact with eyes and skin

It is recommended to use safety clothing, safety gloves and safety goggles/safe screen

SECTION 5: Fire Fighting measures (Extinguishing media)

Extinguishing media: Carbon dioxide, dry chemical powder, fog, foam

Special hazards arising from the substance or mixture: Carbon oxides upon combustion

Advice for fire-fighters: Use breathing apparatus with independent air supply (isolated)

Product is not flammable.

SECTION 6: Accidental release measures

Environmental precautions. Do not discharge into the drains/surface waters/groundwater or soil

Methods and material for containment and cleaning up.

Allow product to harden if molten. Take up mechanically and place in appropriate waste disposal container.

Product is slippery when molten

SECTION 7: Handling and storage

Precautions for safe handling: No special handling necessary if used correctly

Conditions for safe storage and fire prevention:

Only use containers that are approved specifically for the substance/product.

To be stored in cool and dry conditions.

SECTION 8: Exposure controls/personal protection

Control parameters

NIOSH/ACGIH (United States, 2002) TWA: 2mg/m³

Individual protection measures

- Wear chemical protective clothing ,heat resistant.
- Approved safety goggles.
- Use safety gloves of following materials: NBR (nitrile)
- Wear suitable respiratory equipment when necessary.

SECTION 9: Physical and chemical properties

Physical state: Solid

Colour: Light brown to yellowish

Odour: Mild petroleum

Important health, safety and environmental information

Flash point: >200°C

Density @ 20°C: 0.8 - 0.9 kg/L

Congealing point: 48-54°C

Additional information. The data are subject to usual tolerances

SECTION 10: Stability and reactivity

Chemical stability: No decomposition if product used as directed
Dangerous reactions: Avoid contact with strong oxidising agents
Hazardous decomposition: Could lead to carbon oxides given off

SECTION 11: Toxicological information

Not tested, however similar tested products reveal LD₅₀ (rat) >2000mg/kg a day

SECTION 12: Ecological information

Not detrimental to animals/plants or environment.

SECTION 13: Disposal considerations

Waste code No.	Name of waste
12 01 12 / 12 03 02	spent waxes & fats/steam degreasing wastes

Recommendations for the product: Dispose of in accordance with local federal laws and environmental control regulations

Recommendations for packaging: Contaminated packaging should be emptied as far as possible and after appropriate cleaning, may be taken for reuse. Drums and pallets may be sent back to supplier

SECTION 14: Transport information

Product is not controlled under any of the following classifications:
DOT (United States) TDG (Canada) IMDG IATA

SECTION 15: Regulatory information

Not classified under EU regulations

SECTION 16: Other information

Disclaimer

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

Prepared by : Permanite Industrial Products