

## Material Safety Data Sheet

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

#### Product identifier

Product name : Permanite Petrolatum P540

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 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/m<sup>3</sup>

### **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:** dark brown

**Odour:** petroleum

### **Important health, safety and environmental information**

**Flash point:** 290°C

**Density @ 25°C:** 0.9 kg/L

**Congealing point:** >60°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 LD<sub>50</sub> (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 Product