



## Material Safety Data Sheets

Slack Wax (PAR)

### 1. Chemical Product and Company Identification

1.1 **Product Name:** Slack Wax (PAR) , Chemical Name: Petroleum Wax Synonyms:

Paraffin Wax, Reduced Soft Wax , CAS Number: 64742-61-6

1.2 **MANUFACTURER'S NAME/ADDRESS:**

HASIP SYNERGY COMPANY

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name: Slack Wax

All components in the product have been identified.

Slack Wax (petroleum) 5 mg/m<sup>3</sup> (oil mist)

### 3. HAZARDS IDENTIFICATION

This product is an opaque semi-solid with a slight petroleum odor. It will burn at elevated temperatures (above 390°F). Use foam, dry chemical, or carbon dioxide when fighting fire.

Water may be ineffective as an extinguishing medium. Contact with melted product may cause thermal burns.

#### 3.1 Potential Health Effects

3.1.1 Inhalation: Exposure to fumes (from heating product) may be mildly irritating to the nose and throat.

3.1.2 Eyes: Exposure to fumes may be irritating to the eyes.



3.1.3 Skin: Not expected to be a primary skin irritant. When it is heated, this material may cause thermal burns.

3.1.4 Ingestion: Low toxicity. It will have a laxative effect if swallowed.

#### 4. FIRST AID MEASURES

4.1 Inhalation: Remove to fresh air. Get medical attention if symptoms persist.

4.2 Eye Contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

4.3 Skin Contact: For contact with molten product, flush with cold water to cool affected area and contact a physician.

4.4 Ingestion: Do not induce vomiting. Call your local poison control center or get medical attention.

\* Notes to Physician: Treat symptomatically.

#### 5. FIRE FIGHTING MEASURES

Flash Point: 390 °F (min)

Flash Point Method: not determined

Burning Rate: not determined

Auto ignition Temperature: >500 °F

Lower Flammable Limit (LFL): not applicable Upper Flammable Limit (UFL): not applicable

Flammability Classification: not determined

5.1 Extinguishing Media: Dry chemical, foam, carbon dioxide Water may be an ineffective extinguishing medium.



5.2 General Fire Hazards: This product is combustible at high temperatures. Toxic fumes, gases or vapors may evolve on burning.

5.3 Hazardous Combustion Products: Carbon monoxide and carbon dioxide.

5.4 Fire-Fighting Equipment/Instructions: Use water spray to cool fire exposed containers and as a protective screen. Wear full set of protective equipment including chemical goggles and gloves.

## 6. ACCIDENTAL RELEASE MEASURES

6.1 Containment Procedures: Contain the discharge material. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

6.2 Clean-Up Procedures: Attempt to reclaim the free product, if this is possible (If molten product spilled, solidify and recover)

6.3 Evacuation Procedures: Isolate area. Keep unnecessary personnel away.

6.4 Special Instructions: Avoid inhalation of fumes from molten product. Avoid skin contact with molten resins. Wear appropriate protective equipment and clothing during clean-up. Do not allow the spilled product to enter public drainage systems or open water courses.

## 7. HANDLING AND STORAGE

7.1 Procedures for Handling: Avoid breathing fumes if this product is used at high temperatures. Keep away from potential sources of ignition. Wash hands after handling and before eating.

7.2 Recommended Storage Methods: Keep the container tightly closed and in a cool, well-ventilated place. Store away from strong oxidizers. Do not store this material in open and unlabeled containers.



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure Guidelines:

A. General Product Information: If oil mists are generated, observe the exposure limit of 5 mg/m<sup>3</sup>.

B. Component Exposure Limits: No exposure guidelines listed for the product's components.

8.2 Engineering Controls: Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

### 8.3 Personal Protection:

8.3.1 Eye/Face Protection: Wear safety goggles or face shield when working with melted material.

8.3.2 Skin Protection: Chemically resistant gloves with thermal protection when working with melted paraffin.

8.3.3 Respiratory Protection: Under normal conditions, respirator is not normally required.

8.3.4 General: Use good industrial hygiene practices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Semi-solid Appearance: Opaque Odor: slight petroleum

Odor Threshold: not available

Vapor Pressure: <0.01 mm Hg (@ 20°C)

Vapor Density (Air= 1) : >5 Specific Gravity (H<sub>2</sub>O=1): 0.85 Water Solubility: nil

Boiling Point: >550°F



Melting Point: 120°F (ASTM D 938)

% Volatile: nil

Evaporation Rate: not applicable

PH: not determined

## 10. STABILITY AND REACTIVITY

10.1 Chemical Stability: Stable

10.2 Hazardous Polymerization: Hazard polymerization will not occur.

10.3 Chemical Incompatibilities: Strong oxidizing agents (peroxides, chlorine, strong acids).

10.4 Conditions to Avoid (Stability): Avoid excessive heat and all sources of ignition.

10.5 Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity / Target Organ Information:

A. General Product / Component Information: This material is typically inert. Paraffin fumes are a result of overheating product. Fumes are known to be mildly irritating to the nose, throat, and eyes.

11.2 Epidemiology: No data available for product.

11.3 Teratogenicity / Reproductive Effects: No data available for the product as a whole.

11.4 Neurotoxicity: No data available for the product as a whole.

11.5 Mutagenicity: No data available on this product as a whole.

11.6 Other Information: No other information available.

## 12. ECOLOGICAL INFORMATION

12.1 Eco-toxicity: No information is available on eco-toxicity of this product. Keep product out of sewers and waterways.



12.2 Environmental Fate: No information

### 13. DISPOSAL CONSIDERATIONS

13.1 Waste Number & Descriptions:

A. General Product Information: Product as shipped does not meet the definition or characteristics of a hazardous waste.

B. Component Waste Numbers: No Waste Numbers are applicable for this product's components.

13.2 Disposal Instructions:

Incinerate the material under controlled conditions in an approved incinerator.

### 14. TRANSPORT INFORMATION

14.1 Proper Shipping Name: Not regulated as a hazardous material.

14.2 Packing Group: not regulate.

14.2 Additional Shipping Information: not regulated.

14.3 International Transportation Regulations: Not regulated as dangerous goods.

### 15. REGULATORY INFORMATION

15.1 Hazardous components existing in product: None.

15.2 Products hazards: Labeled on the packing.

15.3 Iran's regulations: Obeyed.

16. Other Information.