PARAFFIN WAX
MATERIAL SAFETY DATA SHEET

INTEGRA Chemical Company
1216 6th Ave N
Kent WA 98032
Phone: 253-479-7000

MSDS Number: P076
Revision Date: 16-Apr-08
Revision No.: 005

24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)

Product Identification

Product Name: PARAFFIN WAX
Synonyms: Wax
Chemical Formula: Not defined
Formula Weight: NA
Chemical Family: Solid petroleum hydrocarbon
Integra Product Numbers: P076.31; P076.50

Hazard Overview

HMIS Rating: 0-1-0-B NFPA Rating: NE
Warning Label: Caution.
Use safe chemical handling practices. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

Components

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin wax</td>
<td>08002-74-2</td>
<td>100</td>
</tr>
</tbody>
</table>

Physical Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point:</td>
<td>&gt;343  °C</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>120  °F</td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>0.92</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>NA</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Insoluble in water.</td>
</tr>
<tr>
<td>Appearance and Odor:</td>
<td>Colorless to white, flakes or solid. No odor.</td>
</tr>
</tbody>
</table>

Fire and Explosion Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point:</td>
<td>400  °F</td>
</tr>
<tr>
<td>Test Method:</td>
<td>COC</td>
</tr>
<tr>
<td>Auto-ignition Temperature:</td>
<td>NA</td>
</tr>
<tr>
<td>Flammable Limits (% by volume in air):</td>
<td>Upper: NA</td>
</tr>
<tr>
<td>Fire Extinguishing Media:</td>
<td>CO2, Dry chemical or alcohol foam. Water may be ineffective.</td>
</tr>
<tr>
<td>Special Firefighting Procedures:</td>
<td>Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards:</td>
<td>As with most organic solids, combustion is possible at elevated temperatures.</td>
</tr>
</tbody>
</table>

Health Hazard Information

Effects of Overexposure

Skin Contact: None Identified
Eye Contact:
Health Hazard Information

Eye Contact: None Identified
Ingestion: None Identified
Inhalation: None Identified
Chronic Effects of Overexposure: None Identified

Exposure Limits:

<table>
<thead>
<tr>
<th></th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin wax</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

ACGIH TLV

<table>
<thead>
<tr>
<th></th>
<th>TWA (fume)</th>
<th>STEL</th>
<th>Ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin wax</td>
<td>2 mg/m³</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

Toxicity Data:

Paraffin wax: No information available

Medical Conditions Generally Aggravated by Exposure:

None Identified

Target Organs:

None Identified

Reproductive Effects:

None Identified

Carcinogenicity:

None Identified

<table>
<thead>
<tr>
<th>Component</th>
<th>NTP Listing</th>
<th>IARC Listing</th>
<th>OSHA Regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin wax</td>
<td>No listing</td>
<td>No Listing</td>
<td></td>
</tr>
</tbody>
</table>

Emergency First Aid Procedures

Skin Contact:
Wash with soap and water.

Eye Contact:
Flush eyes with water. If irritation persists, seek medical attention.

Inhalation:
Remove to fresh air.

Ingestion:
Do not induce vomiting. If adverse symptoms develop, seek medical attention.

Additional First aid and Treatment Notes:
No information available

Reactivity Data

Stability: Stable
Reactivity Data

Hazardous Polymerization: Will Not Occur
Incompatibles:
   Incompatible with strong oxidizers.

Decomposition Products:
   Oxides of sulfur and carbon on burning.

Conditions to Avoid:
   Excessive heat.

Spill and Disposal Procedures

Spill and Leak Procedures:
   Remove all ignition sources. Sweep or scoop into disposal container in a manner that minimizes dust dispersion.
   Wear suitable protective equipment.

Disposal Procedures:
   Dispose in accordance with all Local, State and Federal regulations.

Protective Equipment

Ventilation:
   None required for solid material. For molten material use adequate general or local exhaust to maintain vapor levels below TLV.

Respiratory Protection:
   None required for solid material. For molten material an approved respirator for organic vapors is recommended.

Skin and Eye Protective Equipment:
   Safety glasses. Use good chemical handling practices.

Storage and Handling Precautions

Storage Area: GENERAL
   Store in a cool, dry, well-ventilated area. Store away from incompatible materials. Protect containers from physical damage.

Transportation Information

- Regulated Material domestic ground transportation
  (reference: CFR Title 49, Transportation)

    Proper Shipping Name: 
    UN or NA Identification number: 
    Hazard Class and Label: 
    Packing Group: 
    Subsidiary Risk and Label: 

- Regulated Material via Air Transportation
  (reference: ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air)

    Proper Shipping Name: 
    UN Identification Number: 
    Hazard Class and Label: 
    Packing Group: 
    Subsidiary Risk and Label:
**Transportation Information**

Packing Instruction | Max net qty per package
--- | ---
Passenger Aircraft: | |
Cargo Aircraft: | |

**Regulatory Information**

<table>
<thead>
<tr>
<th>Component</th>
<th>TSCA Inventory</th>
<th>CERCLA RQ</th>
<th>SARA EHS TPQ</th>
<th>SARA 313 Toxic Release</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin wax</td>
<td>✅</td>
<td></td>
<td></td>
<td>de minimus</td>
</tr>
<tr>
<td>SARA Hazard Categories:</td>
<td>Acute</td>
<td>Chronic</td>
<td>Flammability</td>
<td>Pressure</td>
</tr>
<tr>
<td>Paraffin wax</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Clean Air Act Categories:</td>
<td>SOCMI</td>
<td>HAP</td>
<td>Volatile HAP</td>
<td>Organic HAP</td>
</tr>
<tr>
<td>Paraffin wax</td>
<td>☐</td>
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<td>☐</td>
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**MSDS Revision History:**
- 002 - Changed header phone number
- 003 - Format revisions; updated header phone number
- 004 - Updated Product Identification, Physical Properties, Fire & Explosion Data,
- 005 - Updated Header Information

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