

PARAFFIN WAX
MATERIAL SAFETY DATA SHEET

INTEGRA Chemical Company
1216 6th Ave N
Kent WA 98032
Phone: 253-479-7000
24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)

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

Page 1

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

Component	CAS #	%
Paraffin wax	08002-74-2	100

Physical Data

<u>Boiling Point:</u>	>343 °C	<u>Specific Gravity:</u>	0.92 Water=1
<u>Melting Point:</u>	120 °F	<u>Evaporation Rate:</u>	NA
<u>Vapor Pressure:</u>	NA	<u>Vapor Density:</u>	NA Air = 1

Solubility:

Insoluble in water.

Appearance and Odor:

Colorless to white, flakes or solid. No odor.

Fire and Explosion Data

Flash Point: 400 °F Test Method: COC
Auto-ignition Temperature: NA
Flammable Limits (% by volume in air): Upper: NA Lower: NA

Fire Extinguishing Media:

CO2, Dry chemical or alcohol foam. Water may be ineffective.

Special Firefighting Procedures:

Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.

Unusual Fire and Explosion Hazards:

As with most organic solids, combustion is possible at elevated temperatures.

Health Hazard Information

Effects of Overexposure

Skin Contact:

None Identified

Eye Contact:

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Page 2

Health Hazard Information

Eye Contact:

None Identified

Ingestion:

None Identified

Inhalation:

None Identified

Chronic Effects of Overexposure:

None Identified

Exposure Limits:

	<u>TWA</u>	<u>OSHA PEL</u> <u>STEL</u>	<u>Ceiling</u>
Paraffin wax	NE	NE	NE
	<u>TWA</u>	<u>ACGIH TLV</u> <u>STEL</u>	<u>Ceiling</u>
Paraffin wax (fume) 2 mg/m3		NE	NE

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

<u>Component</u>	<u>NTP Listing</u>	<u>IARC Listing</u>	<u>OSHA Regulated</u>
Paraffin wax	No listing	No Listing	<input type="checkbox"/>

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

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Page 3

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:

Packing Group:

Hazard Class and Label:

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:

Packing Group:

Hazard Class and Label:

Subsidiary Risk and Label:

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Transportation Information

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

Regulatory Information

<u>Component</u>	<u>TSCA</u> <u>Inventory</u>	<u>CERCLA</u> <u>RQ</u>	<u>SARA EHS</u> <u>TPQ</u>	<u>SARA 313 Toxic Release</u> <u>de minimus</u>
Paraffin wax	<input checked="" type="checkbox"/>	lbs	<input type="checkbox"/>	lbs
<u>SARA Hazard Categories:</u>	<u>Acute</u>	<u>Chronic</u>	<u>Flammability</u>	<u>Pressure</u>
Paraffin wax	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Clean Air Act Categories:</u>	<u>SOCMI</u>	<u>HAP</u>	<u>Volatile HAP</u>	<u>Organic HAP</u>
Paraffin wax	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

NE = Not established, NA = Not applicable or Not available

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***** END OF MSDS *****