

# SAFETY DATA SHEET

Revision date 29-Jul-2019  
Supersedes Date: 20-Apr-2015

## 1. Identification

### 1.1. Product Identifier

Product Name HM 0720

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Hot-melt adhesives.  
Uses advised against No information available

### 1.3. Details of the supplier of the safety data sheet

#### Responsible Party

Uline Shipping Supplies  
112575 Uline Dr.  
Pleasant Prairie, Wisconsin 53158 USA  
Phone: (800) 295-5510  
Fax: (800) 295-5571

### 1.4. Emergency telephone number

Chemtrec: 1-800-424-9300

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200

### 2.2. Label Elements

#### EMERGENCY OVERVIEW

Contact with solid material may cause irritation  
Contact with molten material will cause thermal burns

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

**Appearance** Flakes                      **Physical State** Solid                      **Odor** No information available

#### Precautionary Statements - Prevention

Not applicable

#### Precautionary Statements - Response

Not applicable

#### Precautionary Statements - Storage

# SAFETY DATA SHEET

Revision date 29-Jul-2019  
Supersedes Date: 20-Apr-2015

Not applicable

## Precautionary Statements - Disposal

Not applicable

## Hazards not otherwise classified (HNOC)

Not applicable

## 2.3. Other Information

No information available.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	CAS No.	Weight-%
Paraffin waxes and Hydrocarbon waxes	8002-74-2	5 - 10

*Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.*

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water. In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin. Removal of solidified molten material from skin requires medical assistance. Consult a physician if necessary.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Seek medical advice immediately. Do not induce vomiting without medical advice.

### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

### 4.4. Reference to Other Sections

**Reference to other sections** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 11: TOXICOLOGY INFORMATION

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable extinguishing media

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.

# SAFETY DATA SHEET

Revision date 29-Jul-2019  
Supersedes Date: 20-Apr-2015

## Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

## 5.2. Special hazards arising from the substance or mixture

### Specific hazards arising from the chemical

Avoid dusting when handling and avoid all possible sources of ignition (spark or flame). This material can accumulate static charge by flow or agitation and can be ignited by static discharge.

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

### Explosion Data

**Sensitivity to mechanical impact**

None.

**Sensitivity to static discharge**

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

## 5.3. Advice for firefighters

### Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

### 6.2. Environmental precautions

**Environmental precautions** Keep out of drains, sewers, ditches and waterways.

### 6.3. Methods and material for containment and cleaning up

**Methods for containment** **Molten** . Cover with dry sand/earth.

**Methods for cleaning up** **Solid:** . Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust. Use personal protection equipment. **Molten** . Where possible allow molten material to solidify naturally. Clean contaminated surface thoroughly.

### 6.4. Reference to other sections

**Reference to other sections** Section 7: HANDLING AND STORAGE  
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 13: DISPOSAL CONSIDERATIONS

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Advice on safe handling** Avoid contact with skin, eyes or clothing. Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapors. After contact with skin, wash immediately with plenty of water and soap. This material can accumulate static charge by flow or agitation and can be ignited by static discharge. Avoid dusting when handling and avoid all possible sources of ignition (spark or flame).

### 7.2. Conditions for safe storage, including any incompatibilities

# SAFETY DATA SHEET

Revision date 29-Jul-2019  
Supersedes Date: 20-Apr-2015

**Storage Conditions** Store away from incompatible materials.  
**Incompatible materials** Incompatible with oxidizing agents. Strong acids. Strong bases.

## 7.3. Specific end use(s)

**Specific Use(s)**  
Hot-melt adhesives.

**Other information** No information available.

## 7.4. References to Other Sections

**Reference to other sections** Section 13: DISPOSAL CONSIDERATIONS  
Section 10: STABILITY AND REACTIVITY

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Exposure Guidelines

Chemical name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Paraffin waxes and Hydrocarbon waxes 8002-74-2	TWA: 2 mg/m <sup>3</sup> fume	TWA: 2 mg/m <sup>3</sup> fume	-	TWA: 2 mg/m <sup>3</sup>

  

Chemical name	Argentina	Brazil	Chile	Venezuela
Paraffin waxes and Hydrocarbon waxes 8002-74-2	TWA: 2 mg/m <sup>3</sup>	-	TWA: 1.75 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>

### 8.2. Exposure controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

#### Personal protective equipment [PPE]

**Eye/face protection** **Molten** . If splashes are likely to occur, wear safety glasses with side-shields.  
**Skin and body protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Heat resistant gloves are recommended when handling molten materials.  
**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.  
**General hygiene considerations** Facilities for quickly drenching the body should be provided within the immediate work area for emergency use where there is a possibility of exposure.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**Physical state** Solid  
**Appearance** Flakes  
**Color** White

# SAFETY DATA SHEET

Revision date 29-Jul-2019  
Supersedes Date: 20-Apr-2015

Odor No information available  
Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point / freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	> 204 °C / > 400 °F	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	No information available	
Water solubility	No information available	
Solubility in Other Solvents		
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	
<u>9.2. Other information</u>		
Softening Point	No information available	
Molecular weight	No information available	
Solvent content (%)	No information available	
Solid content (%)	100	
Density	.960 g/cm <sup>3</sup>	
VOC Content (%)		No information available

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

None under normal use conditions.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

Do not add water or other volatile material to molten adhesive. Take precautionary measures against static discharges.

### 10.5. Incompatible materials

# SAFETY DATA SHEET

Revision date 29-Jul-2019  
Supersedes Date: 20-Apr-2015

Incompatible with oxidizing agents. Strong acids. Strong bases.

## 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons.

## Section 11: TOXICOLOGY INFORMATION

### 11.1. Information on toxicological effects

<b>Product Information</b>	No data available
<b>Inhalation</b>	Based on available data, the classification criteria are not met.
<b>Eye contact</b>	Based on available data, the classification criteria are not met.
<b>Skin contact</b>	Based on available data, the classification criteria are not met.
<b>Ingestion</b>	Based on available data, the classification criteria are not met.

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Paraffin waxes and Hydrocarbon waxes 8002-74-2	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Symptoms</b>	No information available.
<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Irritation</b>	No information available.
<b>Corrosivity</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>Developmental toxicity</b>	No information available.
<b>Teratogenicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic Toxicity</b>	No information available.
<b>Target organ effects</b>	Eyes, Skin.
<b>Aspiration hazard</b>	No information available.
<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by ACGIH, OSHA, IARC or NTP at or above 0.1 wt%.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

No information available

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

# SAFETY DATA SHEET

Revision date 29-Jul-2019  
Supersedes Date: 20-Apr-2015

No information available.

## 12.4. Mobility in soil

No information available.

## Other adverse effects

No information available

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Disposal of Wastes** It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations

**Contaminated packaging** Dispose of in accordance with federal, state and local regulations

## Section 14: TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG Not regulated

## Section 15: REGULATORY INFORMATION

### Global Inventories

TSCA	Listed
DSL	Listed

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

**Not Listed** - One or more components of this product are not listed on inventory.

### United States of America

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

Classification is shown in section 2 of this SDS

### Europe

#### **Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU**

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3),

# SAFETY DATA SHEET

**Revision date** 29-Jul-2019  
**Supersedes Date:** 20-Apr-2015

Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation

**SVHC: Substances of Very High Concern for Authorization:**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## Section 16: OTHER INFORMATION

**Key or legend to abbreviations and acronyms used in the safety data sheet**

No information available

**Key Literature References and Sources for Data**

No information available

<b>Prepared By</b>	Product Safety & Regulatory Affairs
<b>Revision date</b>	29-Jul-2019
<b>Revision note</b>	SDS sections updated, 1, 3, 5, 6, 7, 8, 9, 11, 15, 16.
<b>Training Advice</b>	No information available
<b>Further information</b>	No information available

**Disclaimer**

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**End of Safety Data Sheet**