



# Safety Data Sheet

H1477  
HM 1477 SFG

Revision Date 05-Apr-2017  
Supersedes Date: 20-Apr-2015  
Version 1.04

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

**Product Name** HM 1477 SFG  
**Product Code** H1477  
**Product(s) Covered** See section 16 for more information

### 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

#### Company Name

Bostik Inc.  
11320 W. Watertown Plank Road  
Wauwatosa, Wisconsin 53226 USA  
Phone: +1 (800) 843-0844 (Domestic Toll Free)  
Phone: +1 (414) 774-2250 (International)  
Fax: +1 (414) 774-8075  
E-mail msds@bostik-us.com

### 1.4. Emergency Telephone Number

**Emergency Telephone** Telephone: 1-800-227-0332  
(Outside U.S.) 1-703-527-3887

## Section 2: HAZARD 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** No information available      **Physical State** Solid      **Odor** Petroleum

**Precautionary Statements - Prevention**  
Not applicable

**Precautionary Statements - Response**

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Not applicable

## Precautionary Statements - Storage

Not applicable

## Precautionary Statements - Disposal

Not applicable

## Hazards Not Otherwise Classified (HNOC)

Not applicable

## Unknown Toxicity

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	7 - 13

*The exact percentage (concentration) of composition has been withheld as a trade secret.*

## 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

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## 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.

#### 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 Sensitivity to Static Discharge

None.

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

#### Protective Equipment and Precautions for Firefighters

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

Use personal protection equipment. **Solid**: . Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust. **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

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**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

**Storage Conditions** Store away from incompatible materials.

**Incompatible Materials** Incompatible with oxidizing agents. Strong acids. Strong bases.

## 7.3. Specific End Use(s)

**Other Information** Since empty containers retain product residue, follow label warnings even after container is emptied. Keep product and empty container away from heat and sources of ignition.

## 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> STEL: 6 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: 1.6 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** . Wear protective eye glasses for protection against liquid splashes.

**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.

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## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	Solid
Color	Yellow
Odor	Petroleum
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting Point/Freezing Point	No information available	
Boiling Point	No information available	
Flash Point	> 204.4 °C / > 400 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper Flammability Limit	No information available	
Lower Flammability Limit	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	3800 mPa s	Spindle 27 @ 50 rpm @ 300 °F
Explosive Properties	No information available	
Oxidizing Properties	No information available	
<b>9.2. Other Information</b>		
Softening Point	No information available	
Molecular Weight	No information available	
Solvent Content (%)	No information available	
Solid Content (%)	100	
Density	.970 g/cm <sup>3</sup>	
VOC	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

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

## 10.5. Incompatible Materials

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>	No Data Available.
<b>Eye contact</b>	No Data Available.
<b>Skin Contact</b>	No Data Available.
<b>Ingestion</b>	No Data Available.

### **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, Respiratory system, 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

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No information available.

## 12.3. Bioaccumulative Potential

No information available.

## 12.4. Mobility in Soil

No information available.

## 12.5 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: TRANSPORTATION 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.

### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

#### **WHMIS Hazard Class**

Non-controlled

### United States of America

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## 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

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

## California Proposition 65

This product does not contain one or more substances listed on Proposition 65 at or above 0.01 wt. %.

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

### EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

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

### Product(s) Covered

H1477-BBL THGRIP 1477 Pst CB35LB/P42

**HMIS** Health Hazards 1 Flammability 1 Physical Hazards 0 Personal Protection X

### 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

**Prepared By** Product Safety & Regulatory Affairs

**Revision Date** 05-Apr-2017

**Revision Note** SDS sections updated, 1, 2, 5, 7, 9, 15, 16.

**Training Advice** No information available

**Additional information** No information available

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless



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specified in the text.

**End of Safety Data Sheet**