Safety Data Sheet

H1661
Hot Melt

Revision Date 10-Mar-2015
Supersedes Date: No information available
Version 2

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name Hot Melt
Product Code H1661

Product(s) Covered
H1661-BBL PAST/CART/35L/42PP

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use 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
Email: 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: 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 No information available **Physical State** Solid **Odor** No information available

Precautionary Statements - Storage
Not Applicable

Precautionary Statements - Disposal
Not Applicable

Hazards Not Otherwise Classified (HNOC)
Not Applicable

Unknown Toxicity
80.86% of the mixture consists of ingredient(s) of unknown toxicity

2.3. Other Information

May be harmful in contact with skin

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

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact 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.

Inhalation Remove to fresh air.

Ingestion 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: Toxicological Information

SECTION 5: Fire Fighting Measures

5.1. Extinguishing Media

Suitable Extinguishing Media
In case of fire: Use CO2, 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
Should a spark occur near flammable vapors or airborne dust mixtures, an explosion could occur resulting in injury or death. This product may retain a static electrical charge, which could produce a spark.

Explosion Data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

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 Prevent further leakage or spillage if safe to do so.

Methods for Cleaning up Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Solid:. Use personal protection equipment. Cover with plastic sheet to prevent spreading. Avoid creating dust. Molten. Where possible allow molten material to solidify naturally. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

6.4. References to Other Sections

Reference to Other Sections SECTION 8: Exposure Controls/Personal Protection
SECTION 7: Handling and Storage
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. Avoid contact with eyes and skin. 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. Wash with plenty of water and soap.

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. Do not reuse container.

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/m³ fume	TWA: 2 mg/m³ fume	-	TWA: 2 mg/m³ STEL: 6 mg/m³

Chemical Name	Argentina	Brazil	Chile	Venezuela
Paraffin waxes and Hydrocarbon waxes 8002-74-2	TWA: 2 mg/m³	-	TWA: 1.6 mg/m³	TWA: 2 mg/m³

8.2. Exposure Controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Personal protective equipment [PPE]

Eye/Face Protection Solid:. Wear safety glasses with side shields (or goggles). Molten. Wear chemical splash goggles and face shield when eye and face contact is possible due to splashing or spraying of material.

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
Color Yellow
Odor No information available
Odor Threshold No information available

Property	Values	Remarks • Method
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 Limits in Air		
Upper Flammability Limits	No information available	
Lower Flammability Limit	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Specific Gravity	No information available	
Water Solubility	No information available	
Solubility in Other Solvents	No information available	
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	

9.2. Other Information

Softening Point	No information available
Molecular Weight	No information available
Solvent Content (%)	No information available
Solid Content (%)	100
Density	.980 g/cm³
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

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 (CO2). Hydrocarbons.

SECTION 11: Toxicological Information

11.1. Information on Toxicological Effects

Product Information No data available
Inhalation No data available.
Eye Contact No data available.
Skin Contact No data available.
Ingestion No data available.

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

Symptoms No information available.
Skin Corrosion/Irritation No information available.
Serious Eye Damage/Eye Irritation No information available.
Irritation No information available.
Corrosivity No information available.
Sensitization No information available.
Germ Cell Mutagenicity No information available.
Reproductive Toxicity No information available.
Developmental Toxicity No information available.
Teratogenicity No information available.
STOT - Single Exposure No information available.
STOT - Repeated Exposure No information available.
Chronic Toxicity No information available.
Target Organ Effects Eyes, Respiratory system, Skin.
Aspiration Hazard No information available.
Carcinogenicity 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

No information available.

12.4. Mobility in Soil

No information available.

12.5. Results of PBT and vPvB Assessment

No information available.

12.6. 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.

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

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

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 a substance(s) on the SVHC as proposed by ECHA above a concentration of 0.1 wt. %

SECTION 16: Other Information

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
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Training Advice	No information available
Further Information	No information available

Disclaimer
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End of Safety Data Sheet