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Safety Data Sheet

H2016I01
Hot Melt

Revision Date 20-Jun-2016
Supersedes Date: 15-Sep-2014
Version 1.02

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

1.1. Product Identifier

Product Name Hot Melt
Product Code H2016I01

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
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: 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

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Precautionary Statements - Response
Not applicable

Precautionary Statements - Storage
Not applicable

Precautionary Statements - Disposal
Not applicable

Hazards Not Otherwise Classified (HNOC)
Not applicable

Unknown Toxicity
0% of the mixture consists of ingredient(s) of unknown toxicity

2.3. Other Information

No information available.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Not applicable

3.2 Mixtures

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

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: TOXICOLOGY INFORMATION

Section 5: FIRE-FIGHTING MEASURES

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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
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.

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

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

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

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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 This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

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.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State Solid
Color Light yellow
Odor Petroleum
Odor Threshold No information available

Property	Values	Remarks • Method
pH	No information available	

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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
Specific Gravity	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

9.2. Other Information

Softening Point	No information available
Molecular Weight	No information available
Solvent Content (%)	No information available
Solid Content (%)	100
Density	.940 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: TOXICOLOGY INFORMATION

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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.

Component Information

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	No information available.
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

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 Other adverse effects

No information available

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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

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. %.

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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 contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical Name	CAS No.
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1

Section 16: OTHER INFORMATION

Product(s) Covered

H2016I01-HCX	HM 2016I01 FD VARWT SPL
H2016I01-OM	THGRIP 2016I01 MP28LB(5GL)/P36
H2016I01-SAJ	THGRIP 2016I01 MD350LB/P4-AJ
H2016I01-SS	THGRIP 2016I01 MD350LB/P4

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 20-Jun-2016

Revision Note Not applicable.

Training Advice No information available

Additional information No information available

Disclaimer
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End of Safety Data Sheet