



# Safety Data Sheet

H1190A  
H1190A Series

Revision Date 15-Sep-2014  
Supersedes Date: No information available  
Version 1.01

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

### 1.1. Product Identifier

Product Name H1190A Series  
Product Code H1190A

Product(s) Covered  
H1190A-BBL H1190A Series  
H1190A-TZ H1190A Series

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

Recommended Use No information available.  
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** Petroleum

Hazards Not Otherwise Classified (HNOC)

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Not Applicable

## Unknown Toxicity

87.35% 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

This product is a mixture. Health hazard information is based on its components.

### 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: Toxicological 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.

#### Unsuitable Extinguishing Media

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

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## 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**

<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	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)

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**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/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** 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** Petroleum  
**Odor Threshold** No information available

**Property** **Values** **Odor Threshold Remarks • Method**

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pH	No information available
Melting Point/Freezing Point	No information available
Boiling Point	No information available
Flash Point	> 204 °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 (%)	No information available
Density	.970 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**

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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.

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 OSHA, IARC or NTP.

## **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.

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## 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

<u>TSCA</u>	Listed
<u>DSL</u>	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

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## 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) - Annex XVII - Candidate List of Substances of Very High Concern (SVHC) for Authorization

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

**Revision Date**                      15-Sep-2014

**Revision Note**                      Not Applicable.

**Training Advice**                      No information available

**Further 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 specified in the text.

**End of Safety Data Sheet**