

# Material Safety Data Sheet

## BITE BLOCKS & STICKS

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### Section 1 – Identification of the Substance/Preparation and of the Company/Undertaking

**Product Name:** BITE BLOCKS & STICKS

**Chemical Name:** Petroleum Wax Blend

**Family:** Hydrocarbon Wax Blend

**Product Use:** Impression Material

**Product #:** -- 1880250

MSDS Initial Approval Date: July 2002

MSDS Prepared by: JRR

**Manufacturer:** Keystone Industries

616 Hollywood Av

Cherry Hill, NJ 08002

**Emergency Phone Numbers:** (800) 535 - 5053

**Information Contacts:** (856) 663-4700

### Section 2 - Composition/Information on Ingredients

| Chemical Identity        | CAS Numbers | EINECS# | INCI Name | Exposure OSHA TWA/STEL | Limits ACGIH TWA/STEL | Carcinogen IARC/NTP/OSHA | %    |
|--------------------------|-------------|---------|-----------|------------------------|-----------------------|--------------------------|------|
| A blend of wax and resin | N/DA        | N/DA    | N/DA      | N/DA                   | N/DA                  | N/DA                     | 100% |

N/E - None Established

N/R - Not Reviewed

N/DA - No Data Available

N/A - Not Applicable

**This product is not a hazardous chemical as defined by the OSHA Hazard Communication Standard, CFR Title 29 1910.1200. The precise composition of this mixture is proprietary information. A more complete disclosure will be provided to a physician or nurse in the event of a medical emergency.**

### Section 3 - Hazards Identification

#### EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- Wax in molten form may cause thermal burns.

#### Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry

Eye Fumes from molten product may cause irritation. Contact with molten product may cause severe thermal burns.

Skin Contact with molten wax may cause severe thermal burns.

Ingestion Low order of acute systematic toxicity.

Inhalation Product dust may cause respiratory tract irritation. Molten wax may cause irritation to the respiratory tract.

Sub-Chronic Effects None in our experience under normal conditions of handling and use.

NOTE: Refer to Section 11, Toxicological Information for Details

### Section 4 - First Aid Measures

First Aid for Eye Ambient wax – flush wax particles with tepid water. Hot wax – seek medical attention.

First Aid for Skin Ambient wax – wash with soap and water. Molten wax – cool wax immediately – do not remove wax from skin. Seek medical attention.

First Aid for Inhalation When fume or mist occurs remove to fresh air. If person is not breathing provide oxygen or artificial respiration. Seek medical attention.

First Aid for Ingestion Small quantities – permit to pass through system. Large quantities – seek medical attention.

### Section 5 - Fire Fighting Measures

| Flash Point (°F/°C) | Flammable Limit (vol%) | Auto-ignition Temperature (vol%) |
|---------------------|------------------------|----------------------------------|
| >200°C/>392°F       | LEL: N/A<br>UEL: N/A   | N/D                              |

**Method:** COC, ASTM D-92 method.

**Extinguishing Media:** Use water fog, foam, dry chemical or CO<sub>2</sub>. Do not use a direct stream of water.

**Fire Fighting Instructions:** Firefighters should wear proper protective equipment and self-contained breathing apparatus with full-face piece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

**Unusual Hazards:** As with most solid or particulate organic material, extremely high dust concentration in air may result in a potential fire hazard. Good housekeeping practices will prevent any significant accumulations.

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### Section 6 - Accidental Release Measures

Spill or Release Procedures Sweep up material and place in appropriate disposal container. If molten wax- contain spill as much as possible and let molten wax cool. Once solid, place material in appropriate disposal container.

### Section 7 - Handling and Storage

Handling Follow all MSDS/label precautions even after container is emptied because they may retain product residues.  
Storage Store in cool, dry place away from heat, sparks, flame and direct sunlight.  
Explosion Hazard May burn although not readily ignitable.

### Section 8 - Exposure Controls / Personal Protective Equipment

Engineering Controls Good ventilation should be sufficient to control airborne levels. Do not let molten product stand unused in melt tanks and injection machines. Stir molten product at all times.

#### Personal Protective Equipment

General Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.  
Eye/ Face Protection Safety glasses with side shields (or goggles) and a face shield.  
Skin Protection Ambient wax – cotton gloves. Molten wax – impervious heat protective gloves.  
Respiratory Protection Normally none required. For mist and fumes use approved NIOSH/MSHA organic respirator.

### Section 9 - Physical and Chemical Properties

| Appearance      | Odor & Odor Threshold | pH  | Specific Gravity | Viscosity | % Volatile |
|-----------------|-----------------------|-----|------------------|-----------|------------|
| Waxy pink solid | Little or no odor     | N/A | ~0.920           | N/E       | N/A        |

| Boiling Point/<br>Freezing Point | Decomposition<br>Temperature | Octanol/Water<br>Partitioning<br>Coefficient<br>Log Po/w | Vapor<br>Pressure: | Vapor<br>Density | Evaporation<br>Rate | Ignition | Solubility<br>In Water<br>(20°C) |
|----------------------------------|------------------------------|----------------------------------------------------------|--------------------|------------------|---------------------|----------|----------------------------------|
| >600°F                           | N/E                          | N/E                                                      | 0.1                | N/A              | N/A                 | N/E      | Insoluble                        |

| Flash Point<br>(°F/°C)     | Flammable Limit<br>(vol%) | Auto-ignition Temperature<br>(vol%) |
|----------------------------|---------------------------|-------------------------------------|
| 348 – 388 C<br>660 - 730 F | LEL – N/A<br>UEL – N/A    | N/D                                 |

### Section 10 - Stability and Reactivity

**Stability:**  
Stable  
**Hazardous Decomposition Products:**  
Carbon monoxide (Carbon monoxide with incomplete combustion).  
**Conditions to Avoid:**

**Incompatibility (Materials to Avoid):**  
Strong oxidizing materials  
**Hazardous Polymerization:**  
Will not occur

### Section 11 - Toxicological Information

| Acute Oral Toxicity | Acute Dermal Toxicity         | Acute Inhalation Toxicity | Irritation - skin | Irritation - Eye |
|---------------------|-------------------------------|---------------------------|-------------------|------------------|
| Not determined      | Not determined Not determined | Not determined            | Mild              | Mild             |

| Sensitization            | Mutagenicity             | Sub-chronic Toxicity     |
|--------------------------|--------------------------|--------------------------|
| No information available | No information available | No information available |

RTECS#:

### Section 12 - Ecological Information

#### Ecotoxicological Information

| Acute Toxicity<br>To Fish | Acute Toxicity<br>to Invertebrates | Acute Toxicity<br>to Algae | Bioconcentration | Toxicity to Sewage Bacteria |
|---------------------------|------------------------------------|----------------------------|------------------|-----------------------------|
| N/DA                      | N/DA                               | N/DA                       | N/DA             | N/DA                        |

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### Chemical Fate Information

|                        |      |
|------------------------|------|
| Biodegradability       | N/DA |
| Chemical Oxygen Demand | N/DA |

To the best of our knowledge, the ecotoxocological and chemical fate properties have not been thoroughly investigated.  
Do not allow to enter drinking water supplies, wastewater, or soil.

### Environmental Fate Information

#### Section 13 - Disposal Considerations

Follow Federal, State and Local regulations for disposal. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

#### Section 14 - Transport Information

|                                              |                        |
|----------------------------------------------|------------------------|
| <b>DOT (49 CFR 172)</b>                      |                        |
| Proper Shipping Name:                        | Non-Regulated Material |
| Identification Number:                       | N/A                    |
| Marine Pollutant:                            | No                     |
| Special Provisions:                          | N/A                    |
| <b>Emergency Response Guidebook (ERG) #:</b> | <b>N/A</b>             |
| <b>IATA (DGR):</b>                           |                        |
| Proper Shipping Name:                        | Non-Regulated Material |
| Class or Division:                           | N/A                    |
| UN or ID Number:                             | N/A                    |
| Packaging Instructions:                      |                        |
| <b>Emergency Response Guidance (ICAO)#:</b>  |                        |
| <b>IMO (IMDG):</b>                           |                        |
| Proper Shipping Name:                        | Non-Regulated Material |
| Class or Division:                           | N/A                    |
| UN or ID Number:                             | N/A                    |
| Special Provisions & Stowage/Segregation:    | None                   |
| <b>Emergency Schedule (EmS)#:</b>            |                        |
| <b>Other Information:</b>                    |                        |

#### Section 15 - Regulatory Information

##### US Federal Regulations

|                                    |                                                                                                                                                              |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clean Air Act: HAP/ODS             | This product contains the following hazardous air pollutants (HAP's) or ozone depleting substances (ODS's), as defined by the U. S. Clean Air Act:<br>• NONE |
| Clean Water Act:                   | This product contains the following chemicals listed under the U.S. Clean Water Act Priority Pollutant List:<br>• NONE                                       |
| FDA: Food Packaging Status         | This product has not been cleared by the FDA for use in food packaging and/ or other applications as an indirect food additive.                              |
| Occupational Safety and Health Act | This product is not considered a hazardous chemical under the OSHA Hazard Communication Standard.                                                            |
| RCRA                               | This product contains no chemicals considered to be hazardous waste under RCRA (40 CFR 261).                                                                 |
| SARA Title III: Section 302 (TPQ)  | This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.                                                               |
| SARA Title III: Section 302 (RQ)   | This product contains no chemicals regulated under Sec. 304 as extremely hazardous chemicals for emergency release notification ("CERCLA " List).            |
| SARA Title III: Section 311-312:   | This product does not contain hazardous substances under the OSHA Hazard Communication Standard, and is not regulated under Section 311-312 (40 CFR 370).    |
| SARA Title III: Section 313:       | This product contains the following chemicals outlined in SARA Title III: Section 313:<br>• NONE.                                                            |
| TSCA Section 8(b): Inventory:      | This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.                       |
| TSCA Significant New Use Rule:     | None of the chemicals listed have a SNUR under TSCA.                                                                                                         |

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### State Regulations

|                                      |      |
|--------------------------------------|------|
| CA Right-to-Know Law:                | NONE |
| California No Significant Risk Rule: | NONE |
| MA Right-to-Know Law:                | NONE |
| NJ Right-to-Know Law:                | NONE |
| PA Right-to-Know Law:                | NONE |
| FL Right-to-Know Law:                | NONE |
| MN Right-to-Know Law:                | NONE |

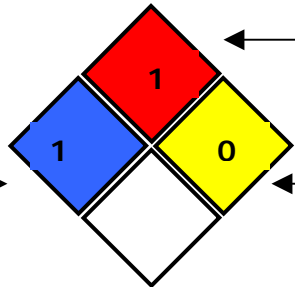
### International Regulations

|                                                             |                                                                                                                                  |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| CDSL: Canadian Inventory<br>(On Canadian Transitional List) | None.                                                                                                                            |
| EINECS: European Inventory:                                 | <ul style="list-style-type: none"> <li>HAZARD SYMBOLS: N/DA</li> <li>RISK PHRASES: N/DA</li> <li>SAFETY PHRASES: N/DA</li> </ul> |

### Section 16 - Other Information

#### Hazard Rating System (Pictograms)

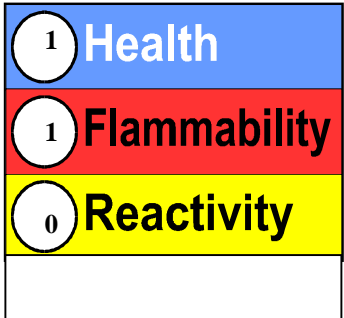
**NFPA:**



Health → 1      ← 1 Flammability

                                 ← 0 Reactivity

**HMIS:**



1 Health

1 Flammability

0 Reactivity

|                                      |                         |
|--------------------------------------|-------------------------|
| Revised Sections since Last Version: | Overall format revision |
|--------------------------------------|-------------------------|

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