

Safety Data Sheet

BITE BLOCKS AND STICKS

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

Product Name: BITE BLOCKS & STICKS

Manufacturer: Keystone Industries
616 Hollywood Av
Cherry Hill, NJ 08002

Chemical Name: Petroleum Wax Blend

Family: Hydrocarbon Wax Blend

Product Use: Impression Material

Information Contacts: (856) 663-4700; (800) 333-3131

Emergency Phone Numbers: (800) 535 - 5053 [U.S.A.] [24 Hour]

Product #: 1880240, 1880250

Section 2 - 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 3 - 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 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 UEL: N/A	N/D

Method:	COC, ASTM D-92 method.
Extinguishing Media:	Use water fog, foam, dry chemical or CO ₂ . 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/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
>600°F	N/E	N/E	0.1	N/A	N/A	N/E	Insoluble

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
348 – 388 C 660 - 730 F	LEL – N/A 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 To Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
N/DA	N/DA	N/DA	N/DA	N/DA

Chemical Fate Information

Biodegradability
N/DA

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Chemical Oxygen Demand	N/DA
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To the best of our knowledge, the ecotoxicological 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

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

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: • NONE
Clean Water Act:	This product contains the following chemicals listed under the U.S. Clean Water Act Priority Pollutant List: • 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: • NONE.
TSCA Section 8(b): Inventory: TSCA Significant New Use Rule:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals listed have a SNUR under TSCA.

State Regulations

CA Right-to-Know Law:	NONE
California No Significant Risk Rule:	NONE

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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

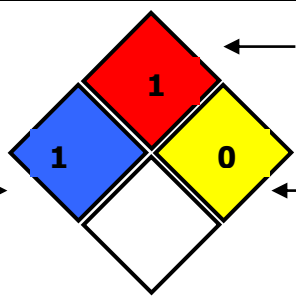
International Regulations

CDSL: Canadian Inventory (On Canadian Transitional List)	None.
EINECS: European Inventory:	- HAZARD SYMBOLS: N/DA - RISK PHRASES: N/DA - SAFETY PHRASES: N/DA

Section 16 - Other Information

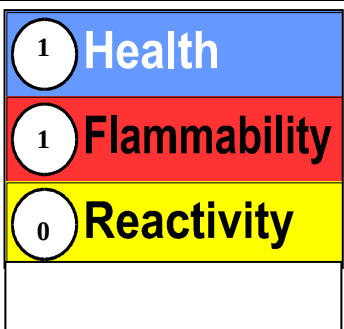
Hazard Rating System (Pictograms)

NFPA:



Health → 1 ← 1 Flammability
 ← 0 Reactivity

HMIS:



1 Health
1 Flammability
0 Reactivity

Initial Release, JRR	July, 2002
Revised December, 2006	Overall format revision
Revised July 1, 2015	Updated to make the SDS GHS compliant: Switched sections 2 and 3, Removed 'Material' from Material Safety Data Sheet and M from MSDS, etc

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