

Section 1 – Identification

Product Name: Compound Sticks (or Cakes)
Type: Green, Low Heat, and Medium Heat

Manufacturer: KEYSTONE INDUSTRIES
52 King Street Myerstown, PA 17067

Information Contacts: (856)-663-4700
Emergency Phone Numbers: US & Canada (800) 535 - 5053

Family: Impression Material

Product Use: Professional Dental Impression Material

Section 2 – Hazards Identification
EMERGENCY OVERVIEW

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

- Material is not considered hazardous by OSHA per 29 CFR 1910.
- Molten Resin will cause severe thermal burns.
- Improper use can lead to mechanical cuts.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry Inhalation, skin, and ingestion.

Eye Small particulates may cause irritation.

Skin Prolong contact is essentially non-irritating to skin. There can be mechanical injury, if impacted with skin. No adverse effects anticipated by skin absorption. Under normal processing conditions, material is heated to elevated temperatures; contact with the material can cause thermal burns.

Ingestion If material becomes lodged in subject's mouth, do not swallow, spit it out.

Inhalation Highly unlikely, but fumes released from burning materials may irritate respiratory tract.

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	%
Non-Hazardous							
N/E – None Established	N/DA – No Data Available						
N/R – Not Reviewed	N/A – Not Applicable						

See Section 16 for Hazard and Precautionary Statement Key.

Section 4 – First Aid Measures

Solid Product is neither an irritant nor gives off hazardous vapours at ambient temperatures

First Aid for Eye In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

First Aid for Skin Not a hazard at ambient conditions. Washing hands is preferable after use. Contact with heated material may cause thermal burns. Do not attempt to remove material from skin. Cool rapidly with cold water. Obtain medical treatment. Treatment as any normal thermal burn

First Aid for Ingestion If swallowed, wash out mouth with water provided person is conscious. Call physician.

First Aid for Inhalation If inhaled, remove to fresh air. If not breathing give CPR. If breathing is difficult, give oxygen. Seek medical attention if feeling of discomfort occurs.

Section 5 – Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
450F to 505F (C.O.C.)	N/A	N/A

Method:

Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used.

Fire Fighting Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Instructions:

Unusual Hazards: Emits dense smoke under fire conditions.

Section 6 – Accidental Release Measures

Spill or Release Minor spills – Clean up immediately. Wipe up / pick up using absorbent pad or rag. Clean area with soap and water.
Procedures Major spills – Clear area of personnel. Restrict access to area. Clean up immediately. Clean area with soap and water.
See section 8 & section 12.

Section 7 – Handling and Storage

Handling No special handling requirements. Avoid extreme heat and cold.
Storage Store in a cool, dry location, away from sunlight.
Explosion Hazard None.

Section 8 – Exposure Controls / Personal Protection

Engineering Controls No special engineering controls required.

Personal Protective Equipment

General To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product.
Eye/ Face Protection Wear safety glasses when handling.
Skin Protection Latex gloves preferred, but not required.
Respiratory Protection None, as long as adequate ventilation exists.

Section 9 – Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Green or Shiny Red or Reddish Brown Solid	Slight Odor	N/A	(H ₂ O = 1): 1.62 – 1.68	N/A	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)
N/A	N/DA	N/DA	N/A	N/A	N/A	N/A	N/A

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
450F to 505F (C.O.C.)	N/A	N/A

Section 10 – Stability and Reactivity

Stability: Stable solid
Hazardous Decomposition Products: Carbon Monoxide / dioxide
Conditions to Avoid: Extreme heat and cold.

Incompatibility (Materials to Avoid): None
Hazardous Polymerization: Will not occur

Section 11 – Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation – skin	Irritation – Eye
N/DA	N/DA	N/DA	N/DA	N/ DA

Sensitization	Mutagenicity	Sub-chronic Toxicity
N/ DA	N/DA	N/ DA

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/A. This material is not expected to bioaccumulate.
Chemical Oxygen Demand	N/ DA

Section 13 – Disposal Considerations

Dispose of in compliance with governmental regulation (state and federal).

Dispose of container and unused contents in accordance with federal, state and local requirements. 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

Non-regulated, non-hazardous material: DOT, IATA, IMO (IMDG).

Section 15 – Regulatory Information
US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following HAP's or ODS: • NONE
Clean Water Act: Priority Pollutant	This product contains the following chemicals listed under the U. S. Clean Water Act Priority Pollutant and Hazardous Substance 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-packaging additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. It's hazards are: • None
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261). • None
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 302 as extremely hazardous substances.
SARA Title III: Section 302 (TPQ)	This product does not contain chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List).
SARA Title III: Section 311-312:	This product is not considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370).
SARA Title III: Section 313:	This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: • None
TSCA Section 8(b): Inventory:	This product complies with US TSCA requirements.
TSCA Significant New Use Rule:	None of the chemicals in this material have a SNUR under TSCA.

State Regulations

The components to this product are listed on the appropriate applicable state regulations.
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International Regulations

Material Safety Data Sheet
COMPOUND STICK (VARIOUS TYPES)

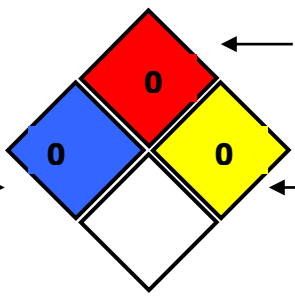
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CDSL: Canadian Inventory (on Canadian Transitional List)	All components are listed, where applicable.
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Labeling according to EC directives – 1272/2008 {CLP} AND 1999/45/EC (items in parenthesis relate to 1999/45/EC)

European Community:	For Compound Sticks, Various (finished product): - DANGER SYMBOLS: N/A – non hazardous - HAZARD STATEMENT: N/A - PRECAUTIONARY STATEMENT: N/A
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Section 16 – Other Information
Hazard Rating System (Pictograms)

NFPA: Health →  ← Flammability ← Reactivity	HMIS: <table border="1" style="border-collapse: collapse; width: 200px;"> <tr> <td style="text-align: center; width: 40px;">0</td> <td style="background-color: #0070C0; color: white; padding: 5px;">Health</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="background-color: #FF0000; color: white; padding: 5px;">Flammability</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="background-color: #FFFF00; padding: 5px;">Reactivity</td> </tr> <tr> <td colspan="2" style="height: 30px;"></td> </tr> </table>	0	Health	0	Flammability	0	Reactivity		
0	Health								
0	Flammability								
0	Reactivity								

MSDS Prepared by:	WME
Revision History:	05/09/11 Initial
	05/08/14 Added Green to Type in Section 1, Updated Specific Gravity in Section 9

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