

Issue Date 01-Oct-2012

Revision Date 02-June-2016

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Excel Formula™ Bite Rim Blocks

### Other Means of Identification

**SDS #** SGT-007

**Product Code** 15100,15150

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Manufacturing of Dental Products. Dental wax.

### Details of the Supplier of the Safety Data Sheet

#### **Supplier Address**

St. George Technology, Inc.  
P.O. Box 2849  
Wilmington, North Carolina 28402-2849

### Emergency Telephone Number

**Company Phone Number** 910-397-0781  
Fax: 910-397-0791  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

**Appearance** Wax blocks pink in color,  
regular

**Physical State** Solid

**Odor** Odorless

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product contains a blend of vegetable and mineral waxes.

### 4. FIRST AID MEASURES

#### First Aid Measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.
<b>Skin Contact</b>	Small Area: Let wax peel off, treat any burns Large Area: Seek medical advice.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Solid: No hazard. Liquid: Due to temperature, will cause burns. Seek medical advice.

#### Most Important Symptoms and Effects, both Acute and Delayed

<b>Symptoms</b>	Contact with molten wax may cause burns. May cause irritation of respiratory tract when molten.
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#### Indication of any Immediate Medical Attention and Special Treatment Needed

<b>Note to Physicians</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

#### Specific Hazards Arising from the Chemical

Product is not flammable or combustible. When heated above 150°C (302°F) product will burn if heat source is available.

#### 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.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

<b>Personal Precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
<b>Environmental Precautions</b>	Keep away from drains, inform authorities in the case of leakage of large amounts.

#### Methods and Material for Containment and Cleaning Up

<b>Methods for Containment</b>	If heated, Prevent further leakage or spillage if safe to do so.
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**Methods for Cleaning Up** Allow molten wax to cool, clean area.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for Safe Storage, Including any Incompatibilities

**Storage Conditions** Store in a cool dry place away from sources of heat.  
Shelf Life: 5 Years.

**Incompatible Materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** The following information is given as general guidance

### Appropriate Engineering Controls

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

### Individual Protection Measures, such as Personal Protective Equipment

**Eye/Face Protection** Wear safety goggles when handling molten wax.

**Skin and Body Protection** Heavy duty butyl rubber gloves to be worn when handling molten wax. Wear suitable protective clothing.

**Respiratory Protection** No protective equipment is needed under normal use conditions.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Solid	<b>Odor</b>	Odorless
<b>Appearance</b>	Wax blocks pink in color, regular	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Pink		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
<b>pH</b>	Neutral		
<b>Melting Point/Freezing Point</b>	60-63 °C / 140-145.4 °F		
<b>Boiling Point/Boiling Range</b>	> 100 °C / >212 °F		
<b>Flash Point</b>	Unknown		
<b>Evaporation Rate</b>	Not determined		
<b>Flammability (Solid, Gas)</b>	Not determined		
<b>Upper Flammability Limits</b>	Not determined		
<b>Lower Flammability Limit</b>	Not determined		
<b>Vapor Pressure</b>	Unknown		
<b>Vapor Density</b>	Not determined		
<b>Relative Density (Specific Gravity)</b>	Unknown		
<b>Water Solubility</b>	Insoluble in water		

<b>Solubility in Other Solvents</b>	In Organic Solvent: Almost/Completely Chloroform
<b>Partition Coefficient</b>	Not determined
<b>Autoignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	Not determined
<b>Kinematic Viscosity</b>	Not determined
<b>Dynamic Viscosity</b>	Not determined
<b>Explosive Properties</b>	Not an explosive
<b>Oxidizing Properties</b>	None
<b>Additional Information</b>	Working Temp: 35-40°C (95-104°F)

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

None known based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

<b>Eye Contact</b>	Non-toxic.
<b>Skin Contact</b>	Non-toxic.
<b>Inhalation</b>	Not applicable.
<b>Ingestion</b>	Non-toxic in small quantities.

Component Information Not available

### Information on Physical, Chemical and Toxicological Effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical Measures of Toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

No toxicity known

**Component Information**

Not available

**Persistence and Degradability**

Unknown

**Bioaccumulation**

Unknown

**Mobility**

Unknown

**Other Adverse Effects**

None

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION****Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

**15. REGULATORY INFORMATION****International Inventories**

Not Determined

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

ENCS - Japan Existing and New Chemical Substances  
 IECS - China Inventory of Existing Chemical Substances  
 KECL - Korean Existing and Evaluated Chemical Substances  
 PICCS - Philippines Inventory of Chemicals and Chemical Substances

**US Federal Regulations****SARA 313**

Not determined

**US State Regulations****U.S. State Right-to-Know Regulations**

Not Determined

**16. OTHER INFORMATION****NFPA****Health Hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health Hazards**

Not determined

**Flammability**

Not determined

**Physical Hazards**

Not determined

**Personal Protection**

Not determined

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02-June-2016

**Revision Note**

New format

**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 a 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**