



23 Admiral Place, Guelph, ON N1G 4N4  
37020 Amrhein Road, Livonia, MI 48150  
Phone: 1.800.265.8350  
www.eckelsandcompany.com

Smile

SDS Revision Date: April 2, 2018

## SAFETY DATA SHEET

This safety data sheet complies with all requirements of GHS 5<sup>e</sup> 2013

### SECTION 1: IDENTIFICATION

|                             |                                                                |
|-----------------------------|----------------------------------------------------------------|
| Product Identifier:         | <b>Smile</b>                                                   |
| CAS Number:                 | Not applicable – refer to Section 3 for details on ingredients |
| Annex VI Index Number:      | Not applicable – refer to Section 3 for details on ingredients |
| Product Identifier Code:    | 5-029                                                          |
| Identified Uses of Product: | Cavity Filler / Sealant for Embalming                          |

#### Details of Supplier:

#### **H.S. ECKELS & COMPANY (CANADA) LTD.**

23 ADMIRAL PLACE  
GUELPH, ONTARIO  
N1G 4N4  
(519) 824-8020

Emergency Telephone Number (613) 996-6666 (Canutec)

### SECTION 2: HAZARD IDENTIFICATION

#### Classification of Mixture

Pale yellow. Soft, sticky solid. Mild odour.

#### Label Elements:

##### Signal Words

*None*

##### Hazard Statements

*None*

#### Precautionary Statements – Prevention

P210: Keep away from heat, sparks, open flames and hot surfaces. - No smoking.  
P264: Wash contacted areas thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P280: Wear protective gloves, protective clothing and eye or face protection.

#### Precautionary Statements - Response

P301+P312: IF SWALLOWED: call a POISON CENTRE or doctor if you feel unwell.  
P305+P351+P338: IF IN EYES: Rinse continuously with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Seek medical attention.  
P370+P378: In case of fire, use carbon dioxide, dry chemical or water spray.



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### Precautionary Statements - Storage

P403: Store in a well ventilated area.

### Precautionary Statements - Disposal

P501: Review federal, provincial or state, and local government requirements prior to disposal. For large quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

### Hazard Symbols

None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Table 3.1: Ingredients of Mixture

| Chemical Name | CAS Number | EC Number | Concentration % |
|---------------|------------|-----------|-----------------|
| Beeswax       | 8006-40-4  | N/A       | *               |
| Petrolatum    | 8009-03-8  | 232-373-2 | *               |

\* Note: The exact concentrations are withheld as a trade secret.

## SECTION 4: FIRST-AID MEASURES

### Necessary First-Aid Measures upon:

Contains beeswax and petrolatum. Products are not considered hazardous, however people with an allergy to these products should use caution. Always wear gloves in the preparation room.

|                             |                                                                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation                  | Remove source of contamination or move victim to fresh air. Obtain medical attention if victim feels unwell.                              |
| Eye Contact                 | Flush eyes with lukewarm water for at least 20 minutes, holding the eye lids open. If irritation persists, obtain medical attention.      |
| Skin Contact                | Avoid direct contact, remove contaminated clothing, flush with lukewarm water. If irritation persists, obtain medical attention.          |
| Ingestion                   | Do not induce vomiting, if vomiting occurs lower head below knees to prevent aspiration. Obtain medical attention if victim feels unwell. |
| Other Important Information | Treat symptomatically. Medical attention is not normally required in the event of exposure.                                               |

## SECTION 5: FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

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Carbon dioxide, dry chemical, water spray.

### Specific Hazards of Product

This material can burn, but will not ignite readily.

### Special Protective Actions for Fire-Fighters

Wear self-contained breathing apparatus and complete personal protective equipment.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions                      Eliminate ignition sources.

### Protective Equipment

Respiratory protection:                  None required.  
Protective Gloves:                        Neoprene rubber or latex should be worn.  
Eye Protection:                            Chemical safety goggles should be worn to prevent eye contact.  
Other Protective equipment:            None required.  
Emergency Procedures                  Ventilate area using local exhaust ventilation to control airborne vapours.  
                                                         Eliminate ignition sources.  
Environmental Cautions                  This product is not expected to be harmful to aquatic life. Please refer to  
                                                         Section 12 for complete ecological effects.

If large amounts are spilled please notify your local environmental agency.

### Methods and Materials for:

Containment                                  Contain spill with inert absorbent material.  
Clean Up                                        Review federal, provincial or state, and local government requirements  
                                                         prior to disposal. For large quantities, if recycling or reclaiming is not  
                                                         possible, use a commercial waste disposal service. Please refer to  
                                                         Section 13 for complete disposal procedures.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

Specific                                        Avoid contact with eyes, skin and clothing. Avoid breathing vapours.  
                                                         Wash thoroughly with soap and water after handling. Please refer to  
                                                         Section 6 for details on appropriate PPE.  
General Hygiene Considerations  
                                                         Eating, drinking, smoking and applying cosmetics in work areas is  
                                                         prohibited.  
                                                         Remove all contaminated clothing and PPE before entering eating areas.

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### Precautions for Safe Storage

Store in a cool, dry, ventilated area. Keep away from heat, sparks and flames. Do not store below 41°F (5°C) or above 120°F (49°C).

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

**Table 8.1: Exposure Limits**

| Chemical Name     | TLV-C      | TLV-TWA            | TLV-STEL            |
|-------------------|------------|--------------------|---------------------|
| <b>Petrolatum</b> | N/A        | 5mg/m <sup>3</sup> | 10mg/m <sup>3</sup> |
| <b>Beeswax</b>    | Not Listed | Not Listed         | Not Listed          |

### Exposure Controls

Keep container tightly closed. Do not handle until all safety precautions have been read and understood. Ensure all personnel wear appropriate PPE at all times when handling this product. Contaminated work clothing should not be allowed out of the workplace.

### Engineered Protection Measures

Use local exhaust ventilators to control airborne vapours.

### Individual Protection Measures

General hygiene measures and appropriate PPE should be used in conjunction with the afore mentioned engineered measures of protection. Also see Section 5 for additional protection measures in case of fire.

|                        |                                                                         |
|------------------------|-------------------------------------------------------------------------|
| Eye/Face Protection    | Chemical safety goggles should be worn to prevent eye contact.          |
| Skin Protection        | Neoprene rubber or latex gloves should be worn to prevent skin contact. |
| Respiratory Protection | None required.                                                          |
| Thermal Hazards        | This mixture does not present a thermal hazard under normal use.        |

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### Information on Physical and Chemical Properties of Mixture

|                         |                                  |
|-------------------------|----------------------------------|
| Appearance              | Pale yellow, soft, sticky solid. |
| Odour                   | Mild odour                       |
| Odour Threshold         | Not Available                    |
| pH                      | Not Available                    |
| Melting/Freezing Point  | 49°C                             |
| Boiling Point and Range | Not Available                    |



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|                                        |               |
|----------------------------------------|---------------|
| Flash Point                            | 193°C         |
| Evaporation Rate(BuAe=1)               | Not Available |
| Flammability (Solid, Gas)              | Not Available |
| Upper Explosive Limit                  | Not Available |
| Lower Explosive Limit                  | Not Available |
| Vapour Pressure                        | Not Available |
| Vapour Density (air=1)                 | Not Available |
| Relative Density                       | Not Available |
| Solubility                             | Not Available |
| Partition Coefficient: n-octanol/water | Not Available |
| Auto-Ignition Temp                     | 245°C         |
| Decomposition Temp                     | Not Available |
| Viscosity                              | Not Available |

### SECTION 10: STABILITY AND REACTIVITY

|                                    |                                                                              |
|------------------------------------|------------------------------------------------------------------------------|
| Reactivity                         | Not normally reactive                                                        |
| Chemical Stability                 | Stable                                                                       |
| Possibility of Hazardous Reactions | Hazardous polymerization does not occur.                                     |
| Conditions to Avoid                | There are no specific conditions to avoid during normal use of this product. |
| Incompatibility Materials          | Strong oxidizing agents.                                                     |
| Hazardous Decomposition Products   | Carbon dioxide.                                                              |

### SECTION 11 : TOXICOLOGICAL INFORMATION

#### Toxicological Data of Ingredients

|                                   |                                                                            |
|-----------------------------------|----------------------------------------------------------------------------|
| Acute Toxicity                    | Not classified as a Toxic.                                                 |
| Skin Corrosion/Irritation         | Not classified as a Skin Irritant.                                         |
| Serious Eye Damage/Irritation     | Not classified as an Eye Irritant.                                         |
| Respiratory or Skin Sensitization | Not classified as a Skin Sensitizer.                                       |
| Germ Cell Mutagenicity            | Not classified as a germ cell mutagenic hazard.                            |
| Carcinogenicity                   | Not classified as a Carcinogen.                                            |
| Reproductive Toxicity             | Not classified as a reproductive hazard.                                   |
| STOT – Single Exposure            | Not classified as a hazard for target organ toxicity in a single exposure. |

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STOT – Repeated Exposure Not classified as a hazard for target organ toxicity in repeated exposure.

Aspiration Hazard Not classified as an aspiration hazard.

Routes of Exposure Eye Contact, Ingestion

### Effects of Acute Exposure via:

Inhalation/Aspiration Inhalation or aspiration of large amounts or repeated inhalation or aspiration of small amounts may cause lipid pneumonia or lipid granuloma of the lung.

Ingestion Possible nausea, abdominal cramps, and diarrhoea

**Table 11.1: Toxicity Data for Hazardous Ingredients**

| Chemical Name | LC <sub>50</sub> (Rat.lhl) | LD <sub>50</sub> (Rat.oral) | LD <sub>50</sub> (Rbt.skin) |
|---------------|----------------------------|-----------------------------|-----------------------------|
| Petrolatum    | N/A                        | N/A                         | N/A                         |
| Beeswax       | N/A                        | N/A                         | N/A                         |

Interactive Effects No interactive effects are listed for this mixture.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicological Properties

Acute Aquatic Toxicity This product is classified as not toxic to aquatic life according to GHS regulations. This mixture is not considered ecologically toxic (PAN Pesticide Database).

Chronic Aquatic Toxicity This product is classified as not toxic to aquatic life according to GHS regulations.

Persistence and Degradability Biodegradable information not available.

Bioaccumulative Potential This product is not considered to be bioaccumulative.

Mobility in Soil This product is considered to have low soil mobility.

Other Adverse Effects No other effects are listed for this product.

## SECTION 13: DISPOSAL CONSIDERATIONS

Please refer to Sections 7 and 8 for proper storage, handling and personal protective measures.

### Disposal Containers and Methods

Product Disposal Avoid disposal of this product via sewage systems.

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Review federal, provincial or state, and local government requirements prior to disposal.

Disposal by controlled incineration or by secure land fill may be acceptable.

### Container Disposal

Empty containers may contain hazardous residue. Return to supplier for reuse if possible. Never weld, cut or grind empty containers. If disposing of containers, ensure they are well rinsed with water, then disposed of at an authorised landfill. After cleaning, all existing labels should be removed.

### Properties affecting Disposal Options

No additional properties are listed.

### Special Precautions for Incinerators or Landfills

No special precautions for incinerators or landfills are listed for this product. See Section 12 for complete ecological information.

## SECTION 14: TRANSPORT INFORMATION

*This substance is not regulated under the TDG, DOT or the GHS.*

## SECTION 15: REGULATORY INFORMATION

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.

### US Federal Information:

TSCA: All listed ingredients appear on the TSCA inventory.

### ECPRA (SARA TITLE III):

Section 302, Extremely Hazardous Substances, 40 CFR 355: This product contains no Extremely Hazardous Substances under SARA Section 302.

Section 313, Toxic Chemicals Notification, 40 CFR 372: This product contains no Toxic Chemical constituents above their de minimus concentrations.

### US State Right to Know Laws:

California Proposition 65: This product contains no listed chemicals.

### Other U.S. State "Right to Know" Lists



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No chemicals in this product are specifically listed by individual States.

### SECTION 16: OTHER INFORMATION

The OSHA Hazard Communication Standard (HCS) is now aligned with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

The WHMIS 2015, including the Hazardous Products Act (HPA) and Hazardous Products Regulations (HPR), is aligned with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

#### Legend of Abbreviations

GHS – Globally Harmonized System of Classification and Labelling of Chemicals

SDS – Safety Data Sheet

OECD – The Organisation for Economic Co-operation and Development

CAS – Chemical Abstract Service

EC – European Commission

TLV – Threshold Limit Value

TLV-C – Threshold Limit Value – Ceiling Limit

TWA – Time Weighted Average

STEL – Short-term Exposure Limits

ACGIH – American Conference of Governmental Industrial Hygienists 1993-1994

OSHA – Occupational Safety and Health Administration

STOT – Specific Target Organ Toxicity

LC – Lethal Concentration

LD – Lethal Dose

IhI - Inhalation

Rbt - Rabbit

UN – United Nations

TDG – Recommendations on the Transport of Dangerous Goods, published by the UN

PPE – Personal Protective Equipment

NIOSH - The National Institute for Occupational Safety and Health

IARC – International Agency for Research on Cancer

WHMIS – Workplace Hazardous Materials Information System

PAN – Pesticide Action Network

USGS – United States Geological Survey

CPR – Canadian Controlled Products Regulations

ECPRA - Emergency Planning and Community Right-to-Know Act

CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act

TSCA – Toxic Substances Control Act

SARA – Superfund Amendments and Reauthorization Act

DOT – U.S. Department of Transportation

HCS – Hazard Communication Standard

**Prepared By:**



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This Safety Data Sheet was prepared by H.S. Eckels & Company (Canada) Ltd using information provided by the Globally Harmonized System of Classification and Labelling Chemicals – Fifth Revised Edition 2013.

The information in the Safety Data Sheet is put forth to guide persons in safe conduct when exposed to Smile.

H.S. Eckels & Company (Canada) Ltd expressly disclaims all explicit or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein.

The data in this SDS does not apply to the exposure in any other process than those mentioned in Section 1. The data in this SDS does not apply to the exposure to any product other than Smile.

This Safety Data Sheet may not be changed, or altered in any way without the expressed permission of H.S. Eckels & Company (Canada) Ltd.

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