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GHS Safety Data Sheets

The Mystery of Lyle and Louise Bite Mark Analysis

This document contains GHS safety data sheets for the following kit items:

- **Baseplate Modeling Wax**

Safety Data Sheet

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Section 1 - Chemical Product and Company Identification

Name: Baseplate Modeling Wax
Common Synonyms: Dental Wax

Manufacture's Name and issuing location
CARMEL GROUP INC.
10220 ARMAND LAVERGNE, MONTRÉAL,
QUEBEC, CANADA, H1H 3N4
PHONE : 514-270-5377
FAX : 514-270-2025

Chemtrec Phone: 800-424-9300
National Response Center (emergency use): 800-424-8802

Product Use: Laboratory Reagent

Section 2 - Hazard Identification

Emergency Overview

Effects of overexposure:

Inhalation: Nonvolatile at room temperature. If smoke from thermally degraded product is inhaled, remove individual to a well-ventilated area for fresh air and call a physician to attend to the injury.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea if ingested in large quantity.

Eye Contact: No danger at room temperature. Smoke from thermally degraded product can cause irritation.

Skin Contact: No danger at room temperature. Smoke from thermally degraded product can cause irritation.

Chronic Exposure: No danger at room temperature.

Aggravation of Pre-existing Conditions: No information found.

Section 3 - Composition / Information on Ingredients

No hazardous ingredients as defined by OSHA 29 CFR 1910.1200 & by Canadian WHMIS CPR

Section 4 - First Aid Measures

Inhalation: Remove individual to a well ventilated area for fresh air and call a physician to attend to the injury.

Ingestion: Material is not acutely toxic by ingestion. If material is ingested, do not induce vomiting. Call a physician.

Skin Contact: Exposure to fumes, vapours or smoke of thermally degraded product can result in irritation to skin and direct contact of the molten material will cause injury and burns. For burns apply running water over the injured area for 15 minutes. Do not attempt to remove any material bonded to skin. Call a physician to attend to the injury.

Eye Contact: irritation to the eye and direct contact of the molten material will cause eye injury and burns. Should an accident occur, flush eyes with generous amounts of water for at least 15 minutes. Call a physician to attend to the injury.

Section 5 - Fire-Fighting Measures

Fire: Will burn if involved in a fire

Flash Point: No information found

Autoignition Temperature: No information found

Flammable limits in air % by volume: No information found

Explosion: No information found

Fire Extinguishing Media: Foam, Dry Chemical, CO2
Special Information: Treat as an oil fire. In the event of a fire, keep away from fire and smoke. Wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

Section 6 - Accidental Release Measures

Sweep together and scrap the spill

Section 7 - Handling and Storage

Handling Procedures and Equipment: Handle as a fragile material. Wash thoroughly exposed body parts after use.
Storage requirements: Store in a dry & cool place. Keep out of strong sunlight. Do not store at temperature : > 50°C / 120°F or near spark or open flame.

Section 8 - Exposure Controls / Personal Protection

OSHA Permissible Exposure Limit: None established
ACGIH Threshold Limit Value: None established

Personal Respirators (NIOSH Approved): Not required
Skin Protection: If wax is being heated, use rubber gloves and thick covering clothing to prevent burning.
Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Section 9 - Physical and Chemical Properties

Appearance: Thin waxy sheet, pink color
Odor: None
Odor Threshold: N/A
pH: No information found
Melting Point: 65C/150F
Boiling Point: No information found
Flash Point: No information found.
Evaporation Rate (BuAc=1): No information found
Flammability: Flammable
Flammability/explosive limits: No information found.
Vapor Pressure (mm Hg): <0.01 mmHg @ 25C
Vapor Density (Air=1): No information found
Relative Density: <1
Solubility: Insoluble in water, soluble in organic solvents
Partition Coefficient: No information found.
Auto-ignition Temperature: No information found.
Decomposition Temperature: No information found.
Viscosity: No information found

Section 10 - Stability and Reactivity

Reactivity: Reacts with oxidizing agents
Stability: Stable under ordinary conditions of use and storage.
Hazardous Reactions: Strong oxidizing agents
Conditions to Avoid: Incompatible materials, heat, ignition sources
Incompatible Materials: Strong oxidizers
Hazardous Decomposition Products: Carbon oxides, complex chemicals and toxic fumes
Hazardous Polymerization: Will not occur.

Section 11- Toxicological Information

LD50: No information found.
DERMAL: No information found
INHALATION: No information found.
IRRITATION: No information found.
OSHA: No information found.

IARC: No information found.
Section 12 - Ecological Information
Not expected to be acutely toxic to aquatic organisms.
Section 13 - Disposal Considerations
Dispose as industrial waste in accordance with appropriate regulations.
Section 14 - Transport Information
Not regulated
Section 15 - Regulatory Information
Not controlled/regulated.
Section 16 - Other Information
<p>Updated May 29, 2015</p> <p>WHMIS: SDS prepared according to hazard criteria of controlled products regulations (CPR) and SDS contains all information required by CPR and GHS.</p> <p>The above information has been developed based upon currently available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Crosscutting Concepts, LLC shall not be held liable for any damage resulting from handling or from contact with the above product.</p>