CARMEL GROUP INC.
SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product	Revision date
Orthopedic Wax Bites	10/23/10

Previous revision date	Product code	Material use
09/17/09	OW40019	Impression wax

Manufacture's Name and issuing location	EMERGENCY PHONE NUMBER
CARMEL GROUP INC. 10220 ARMAND LAVERGNE AVE. MONTRÉAL, QUE. H1H 3N4. PHONE : 514-270-5377 FAX : 514-270-2025 INTERNET : www.carmelindustries.com	CANUTEC 613-996-6666

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	Amount	Exposure Limits	
			LD/50	LC/50
None as defined by OSHA 29 CRF 1910.1200				

SECTION 3 – HAZARD IDENTIFICATION

Emergency Overview

The product is not expected to present any unusual hazards in proper use (room temperature up to 104F/40C). Overheating is considered abnormal usage of the product.

SKIN CONTACT	No danger at room temperature.
EYE CONTACT	Not likely to occur because solid sheets at room temperature.
INHALATION	No fume or aerosol at room temperature.
INGESTION	This material is essentially inert and non-toxic. Regardless it should not be ingested.

Potential Health Effects (NFPA Classification)

Fire hazard : 1	Health Hazard : 0	Reactivity : 0	Personal Protection : See Section 8

0 = Minimal 1 = Slight hazard 2= Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard

SECTION 4 – FIRST AID MEASURES

EYE CONTACT	Exposure to fumes, vapors or smoke of the thermally degraded product can result in 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.**
SKIN CONTACT	Exposure to fumes, vapors 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.**
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.**
ADDITIONAL INFO	

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing	Treat as an oil fire. For small fire use CO_2, dry powder or foam. For large fire use

Media	Alcohol-type foam, universal-type foam or water fog.
Special Firefighting Procedure	Use water spray cool fire-exposed containers and structures. Do not direct a solid stream of water or foam into burning molten material; this may cause spattering and spread the fire.
Unusual Fire and Explosion Hazards	This product will burn if involved in a fire. This product will float upon water, so water spray is not suitable extinguishing agents as it may cause fire to spread.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spills	Not likely to occur in solid state.
Large Spills	Not likely to occur in solid state.

SECTION 7 – HANDLING AND STORAGE

Handling procedures	None special needed.
Storage precautions	Normal precaution should be followed in handling and storage. Store in a dry place. Keep out of direct sunlight. Do not store at temperature : > 104F/40C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION (ONLY IF MOLTEN)

Respiratory protection	No special respiratory protection is normally required.
Protective gloves	None are normally required.
Eye protection	No special eye protection is normally required.
Clothing	No special clothing recommended.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance Pink Butterfly form	Odor None	Physical state Solid @ 25°C/77°F	Boiling point N / AV.
Melting point ~75°C/167°F	Specific gravity (H_2O=1) < 1	Vapor pressure (mm Hg) < 0.01 @ 25°C/77°F	Solubility in water Insoluble
Solubility in organic solvent Soluble	Partitioning coefficient N / AV.	Flash point N / AV.	Percent volatiles Nil

SECTION 10 – STABILITY AND REACTIVITY DATA

Stability Stable	Hazardous polymerization Will not occur.

Incompatibility

Normally unreactive; however avoid contact with strong oxidizing agent (ex. Peroxides, chlorine), Sunlight or ultraviolet light, heat or high temperature.

Hazardous decomposition products

Burning can produce noxious and toxic fumes, and the following combustion products: Oxides of carbon.

SECTION 11 – TOXICOLOGICAL INFORMATION

Carcinogenicity Not listed, not carcinogenic to date.	Mutagenicity / Teratogenicity Not listed
Irritancy of Material N / Av.	Sensitizing Capability N / Av.
Reproductive Effects None known	Synergistic Materials None known

SECTION 12 – ECOLOGICAL INFORMATION

This product is stable in water, and can be mechanically separated from water. The water may be suitable for disposal in a biological waste water treatment plant. Not expected to be acutely toxic to aquatic organism.

SECTION 13 – DISPOSAL CONSIDERATION

Incineration is probably the best mean of disposal. Dispose of in accordance with appropriate Federal,

State and local regulation.

SECTION 14 – TRANSPORT INFORMATION

Dot Classification Not regulated if shipped at temperature under 100C / 212F or in containers less than 450 liter.
IMDG Classification Not regulated if shipped at temperature under 100C / 212F or in containers less than 450 liter.
UN / NA Hazard No. Not Applicable.
ICAO Classification Not regulated if shipped at temperature under 100C / 212F.
Other Forbidden by air at temperature over 100C / 212F.

SECTION 15 – REGULATORY INFORMATION

SARA Status	Section 311, 312 and 313 : None
TSCA Status	Ingredients listed in the TSCA inventory.
OSHA Status	None
WHMIS Status	Not a controlled material
CPR Compliance	Not Known

SECTION 16 – OTHER INFORMATION

N/AV=NOT AVAILABLE	
SDS Originally made by Ludmilla Chiray	Revised by Federico Segovia

The information contained in this document is derived from data supplied to Carmel Industries by the manufacturers or distributors of the raw materials combined to form this product. To the best of our knowledge all hazards have been noted for the intended use of the product and, since Carmel Industries cannot control conditions of use, the end user is obliged to determine the conditions permitting safe use of the product.