

CARMEL GROUP INC.

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Baseplate/Modelling Wax		Revision date 08/12/09
Previous revision date 30-August-08	Product code BP4XXXX (See list p.5)	Material use Various Dental Waxes.
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 INTERNET : www.carmelindustries.com		EMERGENCY PHONE NUMBER CHEMTREC USA 800-424-9300 International 1-703-527-3887

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	Note (Sect 15)	CAS #	Amount	Exposure Limits (ppm)				
				OSHA PEL-TWA	NIOSH REL-TWA	NIOSH REL-STEL	ACGIH TLV-TWA	ACGIH TLV-STEL
None as defined by OSHA 29 CRF 1910.1200 & by Canadian WHMIS CPR								

SECTION 3 – HAZARD IDENTIFICATION

Emergency Overview

The product is not expected to present any unusual hazards in proper use.

SKIN CONTACT	No danger at room temperature.
EYE CONTACT	No danger at room temperature.
INHALATION	Not likely to occur as the product is not volatile at room temperature.
INGESTION	May cause gastrointestinal irritation, nausea, vomiting and diarrhea if ingested in large quantity.

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			

Potential Health Effects (HMIS Rating)

Health : 0	Flammability : 1	Reactivity : 0
0 = Minimal 1 = Slight hazard 2= Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard		

SECTION 4 – FIRST AID MEASURES

EYE CONTACT	Exposure to fumes, vapours 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, 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.
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	None		
SECTION 5 – FIRE FIGHTING MEASURES			
Extinguishing Media	Treat as an oil fire. Use Foam, Dry Chemical and CO ₂ .		
Special Fire fighting Procedure	Keep people away from fire and smoke, Wear full fire fighting turn-out gear and respiratory protection (SCBA).		
Unusual Fire and Explosion Hazards	This product will burn if involved in a fire.		
SECTION 6 – ACCIDENTAL RELEASE MEASURES			
Small Spills	Not likely to occur in solid format. Sweep and scrap the spill		
Large Spills	Not likely to occur in solid format. May melt if exposed to excessive heat. In that case, let the material solidify and scrap the spill.		
SECTION 7 – HANDLING AND STORAGE			
Handling procedures	Handle as a fragile material. Wash thoroughly exposed body part after using.		
Storage precautions	Normal precaution should be followed in handling and storage. 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			
PERSONAL PROTECTION			
Respiratory protection	No special respiratory protection is normally required.		
Protective gloves	Rubber glove to prevent burning with the melted wax.		
Eye protection	Protective goggle to prevent burning by splatter of melted wax.		
Clothing	Standard industrial.		
SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES			
Appearance Various color wax sheet	Odour None	Physical state Solid @ 25°C/77°F	Boiling point N / AV.
Melting point ~ 65°C / 150°F	Specific gravity (H ₂ O=1) < 1	Vapour 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).		
Hazardous decomposition products	Burning can produce noxious and toxic fumes, and the following combustion products : Oxides of carbon & Other complex chemical.		
SECTION 11 – TOXICOLOGICAL INFORMATION			
Carcinogenicity Not listed, not carcinogenic to date.	Mutagenicity / Teratogenicity Not listed		
Irritancy of Material None known	Sensitizing Capability None known		
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 as industrial waste in accordance with appropriate Federal, State and local regulation.			
SECTION 14 – TRANSPORT INFORMATION			

Dot Hazard Classification Not regulated	
IATA Classification Not regulated	
ICAO Classification Not regulated	
IMO Classification Not regulated	
TDG Hazard Classification Not regulated	
UN / NA Hazard No. None necessary	
Other N / AV.	
SECTION 15 – REGULATORY INFORMATION	
Hazard Details of SECTION 2	None
SARA Status	No reporting requirement.
SARA Hazard Cat.	None
TSCA Status	All ingredients of this product are listed on the U.S. EPA TSCA (Toxic Substances Control Act) Chemical Substance Inventory.
DSL Status	All ingredients of this product are listed on the Canadian EPA (CEPA) Domestic Substances List (DSL).
EINECS Status	All ingredients of this product are listed on the European Inventory of Existing Chemical Substances (EINECS).
AICS Status	All ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).
OSHA Status	Not a controlled or hazardous material as defined by U.S. OSHA HCS (29 CFR 1910.1200).
WHMIS Status	Not a controlled or hazardous material.
OSHA HCS Compliance	MSDS of the product is classified in accordance with all the required information for his hazard criteria under the Health Communication Standards of the U.S. OSHA.
WHMIS CPR Compliance	MSDS of the product is classified in accordance with all the required information for his hazard criteria under the Controlled Products Regulations of the Canadian WHMIS.
ANSI Z400.1-1993 Compliance	MSDS of the product is made following the Z400.1-1993 standards of the ANSI.
SECTION 16 – OTHER INFORMATION	
N/AV=NOT AVAILBLE	
MSDS Originally made by David A. Haney	Revised by Samia Ghezlaoui

The information contained in this document is derived from data supplied to Carmel Group by the manufacturers or distributors of the raw materials combined to form this product. However, Carmel Group makes no representations as to its completeness or accuracy. To the best of our knowledge all hazards have been noted for the intended use of the product and, since Carmel Group cannot control conditions of use, the end user is obliged to determine the conditions permitting safe use of the product. In no event will Carmel Group be responsible for damage of any nature whatsoever resulting from the use of or reliance upon the information contained herein.

CARMEL GROUP INC.

BASEPLATE & MODELLING WAX PRODUCTS

Product code	Product Description	
BP40009	Baseplate Universal Red	5 lbs Box
BP40019	Baseplate Universal pink	5 lbs Box
BP40109	Base Plate Universal Red	1 lbs Box
BP40119	Base Plate Universal pink	1 lbs Box
BP40409	Baseplate Q-Wax Red	5 lbs Box
BP40419	Baseplate Q-Wax Pink	5 lbs Box
BP40509	Baseplate Q-Wax	1 lbs Box
BP40519	Baseplate Q-Wax	1 lbs Box
BP44409	Baseplate 100(Regular)	5 lbs Box
BP44419	Baseplate 100(Regular)	5 lbs Box
BP41619	Baseplate Pretty Pink Hard	5 lbs Box
BP41719	Base Plate Pretty Pink Hard	1 lbs Box
BP44319	Baseplate X-Pink 1 lbs/Box	
BP42519	Baseplate Extra Tough Pink	5 lbs Box
BP42619	Baseplate Extra Tough Pink	1 lbs Box
BP47319	Baseplate Bulldog Pink Pink	5 lbs Box
BP47419	Baseplate Bulldog Pink Pink	1 lbs Box
BP44509	Baseplate 101 (Thin) Red	5 lbs Box
BP44519	Baseplate 101 (Thin) Pink	5 lbs Box
BP41819	Baseplate Pretty Pink X-Hard	5 lbs Box
BP41919	Baseplate Pretty Pink X-Hard	1 lbs Box
BP43290	Baseplate Bees Wax Sheets Yellow	5 lbs Box
BP43390	Baseplate Bees Wax Sheets Yellow	1 lbs Box
BP42109	Baseplate Truform Red	5 lbs Box
BP42119	Baseplate Truform Pink	5 lbs Box
BP42209	Baseplate Truform Red	1 lbs Box
BP42219	Baseplate Truform Pink	1 lbs Box

BP43019	Baseplate Flexi-Tough Pink	5 lbs Box
BP43119	Baseplate Flexi-Tough Pink	1 lbs Box
BP44609	Baseplate 102 (Thick) Red	5 lbs Box
BP44619	Baseplate 102 (Thick) Pink	5 lbs Box
BP42009	Baseplate Expert Wax Red	1 lbs Box
BP43402	Baseplate Bite Wax Yellow	5 lbs Box
BP43502	Base Plate Bite Wax Yellow	1 lbs Box
BP40619	Baseplate Pink #2	5 lbs Box
BP40719	Baseplate Pink #2	1 lbs Box
BP46109	Baseplat Red C	5 lbs Box
BP46209	Baseplate Red C	1 lbs Box
BP41219	Baseplate Pretty Pink Soft	5 lbs Box
BP41319	Base Plate Pretty Pink Soft	1 lbs Box
BP42319	Baseplate Four Season Pink	5 lbs Box
BP42419	Baseplate Four Season Pink	1 lbs Box
BP40219	Baseplate Setup Wax Pink	5 lbs Box
BP40319	Baseplate Setup Wax Pink	1 lbs Box
BP40819	Baseplate Pink #3 Pink	5 lbs Box
BP40919	Baseplate Pink #3 Pink	1 lbs Box
BP44009	Baseplate All Season Red	5 lbs Box
BP44019	Baseplate All Season Pink	5 lbs Box
BP44109	Baseplate All Season Red	1 lbs Box
BP44119	Baseplate All Season Pink	1 lbs Box
BP41419	Baseplate Pretty Pink Medium	5 lbs Box
BP41519	Baseplate Pretty Pink Medium	1 lbs Box
BP45619	Baseplate Precision Pink	5 lbs Box
BP45719	Baseplate Precision Pink	1 lbs Box
BP44219	Baseplate Accu-byte Pink	1 lbs Box