

CARMEL GROUP INC.

MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name Tailor Pencil	Product Code LP10202 to LP10247
Product Use Brillant pigments pressed into specially formulated leads for marking textiles.	
Manufacturer / Supplier Carmel Group Inc. 10220 Armand Lavergne, Montréal, Québec, Canada, H1H 3N4	Phone : 514-270-5377 Fax : 514-270-2025 Internet : www.carmelindustries.net
Emergency Phone Number (USA & Canada) CHEMTREC (USA) : 800-424-9300 CHEMTREC (International) : 1-703-527-3887 CANUTEC (Canada) : 613-996-666	
MSDS Issue Date : January 7, 2010	MSDS Version : 1.01

Section 2 – HAZARD IDENTIFICATION

2.1 Emergency Overview

Appearance: Solid wood encased pencil.

Odor : Not applicable.

Description : This product is not expected to present any unusual hazards. For Industrial use only. Keep out of reach of children.

2.2 OSHA & WHMIS Status

Not a controlled or hazardous material as defined by U.S. OSHA HCS (29 CFR 1910.1200).
Not considered to be hazardous material as defined by Canadian WHMIS Controlled Product Regulation (CPR).

2.3 Potential Health Effects (See Section 11 for more Information)

Likely Route of Exposure
Can transfer to skin during manipulation.

Eye : None known.

Skin : None known.

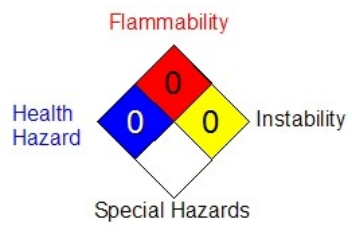
Ingestion : None known.

Inhalation : Dust may be irritating.

Medical Condition Aggravated by Exposure :
None known.

Target Organs : Not Applicable.

Carcinogenicity (NTP, IARC and OSHA)
This product does not contain any carcinogens or potential carcinogen according to NTP, IARC

and OSHA.			
2.3 Potential Environmental Effects (See Section 12 for more Information)			
None known.			
Section 3 – COMPOSITION/INFORMATION ON INGREDIENTS			
Component	Cas #	% by Wt	Classification and R phrases
None	None	None	None
Section 4 – FIRST AID MEASURES			
4.1 First Aid Procedures			
Eye : Rinse with cold water for at least 15 minutes while holding eyelids open; seek medical attention if irritation persist.			
Skin : Wash skin with water & soap or industrial hand cleaner.			
Ingestion : Not likely to occur. Give victim water to dilute.			
Inhalation : Doesn't apply.			
4.2 Note to Physicians			
None.			
Section 5 – FIRE FIGHTING MEASURES			
5.1 Flammable Properties (See Section 9 for more Information)			
This product will burn if involved in a fire.			
NFPA Rating			
0 = Minimal 1 = Slight hazard 2= Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard			
5.2 Extinguishing Media			
5.2.1 Suitable Extinguishing Media Carbon dioxide, dry chemical or foam recommended. Apply water to cool exposed closed containers.			
5.2.2 Unsuitable Extinguishing Media None knowed.			
5.3 Protection of Firefighters			
5.3.1 Specific Hazards Arising from the Chemical Not determined.			
5.3.2 Protective Equipment and Precautions for Firefighters Keep people away from fire and smoke, wear full fire fighting turn-out gear and respiratory protection.			
Section 6 – ACCIDENTAL RELEASE MEASURES			

6.1 Personal Precautions							
Use recommended personal protective equipment (see Section 8).							
6.2 Environmental Precautions							
None known.							
6.3 Methods for Containment							
No containment needed for solid state.							
6.4 Methods for Clean-Up							
Sweep or shovel up.							
6.5 Other Information							
None known.							
Section 7 – HANDLING AND STORAGE							
7.1 Handling							
Handle us a fragile material. Wash thoroughly exposed body part after using.							
7.2 Storage							
Store away from incompatible chemicals (see Sec. 10). Store in a cool, dry area.							
Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION							
8.1 Exposure Guidelines							
		Exposure Limits (ppm)					
Hazardous Ingredients	CAS #	OSHA		ACGIH		NIOSH	
		TWA	STEL	TWA	STEL	TWA	STEL
None	None	None	None	None	None	None	None
8.2 Engineering Controls							
Not needed for normal use.							
8.3 Personal Protective Equipment (PPE)							
None.							
8.3.1 Eye / Face Protection None is normally required.							
8.3.2 Skin Protection None is normally required.							
8.3.3 Respiratory Protection None is normally required.							
8.3.4 General Hygiene Considerations Wash exposed part with soap.							
Section 9 – PHYSICAL AND CHEMICAL PROPERTIES							
Appearance Solid wood encased pencil		Odor Not Available.			Physical state Solid @ 25°C/77°F		

PH : Not Available.	Vapour pressure (mm Hg) Not Available.	Vapour Density <0.01 @ 25°C/77°F
Boiling point : Not Available.	Melting point Not Available.	Flash point Not Available.
Autoignition Temperature Not Available.	Decomposition Temperature Not Available.	Specific Gravity > 1
Evaporation Rate Not Available.	Coefficient of water/oil distribution < 1	Odor Threshold Not Available.
Relative Density Not Available.	Solubility- Water Insoluble.	Partition Coefficient n-octanol/water > 1

Section 10 – STABILITY AND REACTIVITY DATA

10.1 Chemical Stability

Stable.

10.2 Conditions to Avoid

None known.

10.3 Incompatible Materials

Strong acids and oxidizers.

10.4 Hazardous Decomposition Products

Carbon dioxide and possibly other toxic gasses.

10.5 Possibility of Hazardous Reactions

None known.

Section 11 – TOXICOLOGICAL INFORMATION

11.1 Acute Effects

Hazardous Ingredients	CAS #	%	Oral LD ₅₀	Dermal LD ₅₀
None	None	Nil	None	None

Inhalation : Not likely to occur with solid product.

Eye Irritation : Possible irritation to eyes.

Skin Irritation : None Known.

Sensitization : Not Applicable.

11.2 Chronic Effects

Carcinogenicity : This product does not contain any carcinogens or potential carcinogen according to NTP, IARC and OSHA.


Mutagenicity/Teratogenicity : No effects known.

Reproductive Effects : No effects known..

Development Effects : No effects known.

Section 12 – ECOLOGICAL INFORMATION

Ecotoxicity : Not determined.

Persistence/Degradability : Not determined.	
Bioaccumulation/Accumulation : Not determined.	
Mobility in Environmental Media : Not determined.	
Other Adverse Effect : Not determined.	
Section 13 – DISPOSAL CONSIDERATION	
Waste Disposal : Dispose as industrial waste in accordance with appropriate Federal, State and local regulation.	
Section 14 – TRANSPORT INFORMATION	
14.1 Basic Shipping Description	
US DOT : Not Regulated.	
14.2 Additional Information	
IMO : Not Regulated.	
Canadian TDG : Not Regulated.	
ICAO : Not Regulated.	
IATA : Not Regulated.	
Section 15 – REGULATORY INFORMATION	
15.1 Global Inventory Status	
TSCA (United States) : All ingredients contained in this product are listed on the U.S.EPA TSCA Chemical Substance Inventory.	
DSL (Canada) : All ingredients contained in this product are listed on the Canadian EPA (CEPA) Domestic Substances List (DSL).	
EINECS (EU) : All ingredients contained in this product are listed on the European Inventory of Existing Chemical Substances (EINECS).	
AICS (Australia) : All ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).	
15.2 SARA Status	
Hazard Class(es) Section (311/312) : None.	
Section 313 Toxic Chemicals : None.	
Section 302 Extremely Hazardous Substances (EHS) : None.	
15.3 US State Regulations	
None.	
15.4 WHMIS Status & Classifications	
Not considered to be hazardous material as defined by Canadian WHMIS Controlled Product regulation(CPR).	 Not Controlled under WHMIS
15.5 OSHA Status & Classifications	
Not a controlled or hazardous material as defined by U.S.OSHA HCS (29 CFR 1910.1200).	

Section 16 – OTHER INFORMATION

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 and all the required information for his hazard criteria under the Controlled Products Regulations of the Canadian WHMIS.

MSDS of the product is made following the Z400.1-2003 standards of the ANSI.

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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.

TAILOR PENCIL PRODUCT LIST

Product code	Product Description
LP10202	Tailor Pencil Yellow
LP10203	Tailor Pencil White
LP10204	Tailor Pencil Blue
LP10208	Tailor Pencil Black
LP10209	Tailor Pencil Red
LP10210	Tailor Pencil Green
LP10247	Tailor Pencil Green Glo