

CARMEL GROUP INC.

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Washout Pencil Various Colors		Revision date November 27, 2012
Previous revision date None	Product code LP10404, LP10409 & LP10410 (See p.6)	Material use Extra thick marking lead in an oversized pencil, formulated to wash out of most natural and synthetic fabric.
Supplier'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 (mg/M ³)				
				OSHA PEL-TWA	NIOSH REL-TWA	NIOSH REL-STEL	ACGIH TLV-TWA	ACGIH TLV-STEL
None as defined by OSHA 29 CFR 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	Possible irritation of extremely sensitive skin. Avoid direct skin contact of the lead.
EYE CONTACT	Avoid eye contact. Flush eyes with large amount of water for at least 15 minutes.
INHALATION	Doesn't apply.
INGESTION	No Known irritation or toxicity. Do not ingest. Seek medical attention.
CHRONIC EFFECTS	None Known.
Medical Condition Aggravated by Exposure	None Known.

Potential Health Effects (NFPA Classification)

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

SECTION 4 – FIRST AID MEASURES

EYE CONTACT	In case of direct contact, flush eyes with generous amounts of water for at least 15 minutes. Call a physician to attend to the injury if irritation or redness persists.		
SKIN CONTACT	Wash affected area thoroughly with soap and water. Call a physician to attend to the injury if irritation or redness persists.		
INHALATION	Doesn't apply.		
INGESTION	Ingestion is an unlikely route of exposure under normal industrial condition. 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			
Flash Point N / AV.	Flash Point Category (OSHA) N / AV.	Lower Flammability Limit in Air (% by Vol) N / AV.	
Extinguishing Media	Carbon dioxide, dry chemical or foam recommended. Apply water to cool exposed closed containers.		
Special Fire fighting Procedure	Self contained breathing apparatus (SCBA) and full protective equipment recommended.		
Unusual Fire and Explosion Hazards	Packaging may be subject to ignition by fire and may release toxic gases.		
SECTION 6 – ACCIDENTAL RELEASE MEASURES			
Small Spills	Sweep or wipe up material. Place spilled material into appropriate waste containers for disposal.		
Large Spills	Sweep or wipe up material. Place spilled material into appropriate waste containers for disposal.		
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	None needed.		
Eye protection	None needed.		
Clothing	None special needed.		
SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES			
Appearance Round wood shaft	Odour None	Physical state Solid @ 25C / 77F	Boiling point N / AV.
Melting point N / AV.	Specific gravity (H ₂ O=1) N / AV.	pH N / AV.	Solubility in water Soluble in water
Solubility in organic solvent N / AV.	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 N / AV.	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	Reproductive Effects		

Not Listed	None known
Irritancy of Material None known	Sensitizing Capability None known
Mutagenicity / Teratogenicity Not listed	Synergistic Materials None known
SECTION 12 – ECOLOGICAL INFORMATION	
N / AV.	
SECTION 13 – DISPOSAL CONSIDERATION	
Dispose of 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. Not regulated.	
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	

N/L=NOT LISTED	
MSDS Originally made by Ludmilla Chirai	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 ICARMEL GROUP be responsible for damage of any nature whatsoever resulting from the use of or reliance upon the information contained herein.

CARMEL GROUP INC.

WASHOUT PENCIL PRODUCTS

Product code	Product Description
LP10404	Blue Washout Pencil
LP10409	Red Washout Pencil
LP10410	Green Washout Pencil