

CARMEL GROUP INC.

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Livestock Paint Crayon Various Colors.		Revision date 17 Dec 09
Previous revision date 08-November-07	Product code PC3XXXX (See P.4)	Material use Marks Livestock
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								
Other Ingredients Linseed Oil	1,2	8001-26-1	40%					

SECTION 3 – HAZARD IDENTIFICATION

Emergency Overview

The product is not expected to present any unusual hazards if properly used. Can be a "Combustion Hazard" if product or surfaces marked by it are improperly disposed.

SKIN CONTACT	No health effects known. Shouldn't be in contact with mucosa.
EYE CONTACT	May cause mild, transient irritation.
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 hazard 1 = Slight hazard 2= Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard

SECTION 4 – FIRST AID MEASURES

EYE CONTACT	Rinse with cold water; seek medical attention if irritations persist.
SKIN CONTACT	Wash skin with water & soap or industrial hand cleaner.

INHALATION	Not likely to occur with solid product.		
INGESTION	Not likely to occur, large amounts may cause intestinal blockage and necessitate medical attention if discomfort occurs.		
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. Rags and waste paper containing this product may burn spontaneously in certain conditions. Dispose of rags or paper in proper safety cans.		
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	None is normally required.		
Eye protection	None is normally required.		
Clothing	Standard industrial.		
SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES			
Appearance Round crayon	Odour Fatty acid odour	Physical state Solid @ 25°C / 77°F	Boiling point N / AV.
Melting point ~ 79°C / 175°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 & Acrolein.		
SECTION 11 – TOXICOLOGICAL INFORMATION			
Carcinogenicity Not listed, not carcinogenic to date.	Mutagenicity / Teratogenicity Not listed		
Irritancy of Material Moderate potential irritant for eyes and mucosa.	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

- 1** Appears on the Pennsylvania Hazardous Substance List.
- 2** Appears on the Canadian WHMIS Ingredient Disclosure List.

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.

CHIP 3 (UK)

Categories of Danger: Not considered a dangerous 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.

LIVESTOCK PAINT CRAYON PRODUCTS

Product code	Product Description	Product code
SUMMER		ALL SEASONS
PC30401	Livestock Crayon Purple	PC30201
PC30402	Livestock Crayon Yellow	PC30202
PC30403	Livestock Crayon White	PC30203
PC30404	Livestock Crayon Blue	PC30204
PC30408	Livestock Crayon Black	PC30208
PC30409	Livestock Crayon Red	PC30209
PC30410	Livestock Crayon Green	PC30210
PC30412	Livestock Crayon Orange	PC30212
PC30499	Livestock Crayon Mixed Colors	PC30299
Carded All Seasons Codes		
PC30904	Livestock Crayon Blue	
PC30909	Livestock Crayon Red	
PC30910	Livestock Crayon Green	
PC30912	Livestock Crayon Orange	