

CARMEL GROUP INC.

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION				
Product Railroad Chalk, Various Colors			Revision date 18-Septebre-09	
Previous revision date None	Product code IC20501 to IC20519	Material use Marking Chalk, Temporary Marks on Surfaces		
Manufacture's Name and issuing location CARMEL GROUP INC. 10220 ARMAND LAVERGNE AVE. MONTRÉAL, QUE. H1H 3N4 PHONE : 514-270-5377 FAX : 514-270-2025 INTERNET :www.carmelindustries.com		EMERGENCY PHONE NUMBER CANUTEC 613-996-6666		
SECTION 2 – CONPOSITION / 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. For industrial use only.				
SKIN CONTACT	Not likely to occur.			
EYE CONTACT	Mild mechanical irritation with dust of the product.			
INHALATION	Dust of the product may cause respiratory irritation.			
INGESTION	May cause gastrointestinal irritation, nausea, vomiting and diarrhea if a large amount is ingested.			
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				
SECTION 4 – FIRST AID MEASURES				
EYE CONTACT	Flush eyes with cold water for 15 minutes, seek medical attention.			
SKIN CONTACT	Remove contaminated clothing, wash skin with water.			
INHALATION	Remove to fresh air, and give oxygen if breathing is difficult. Seek medical attention.			
INGESTION	Not likely to occur, large amounts may cause intestinal blockage.			
ADDITIONAL INFO				
SECTION 5 – FIRE FIGHTING MEASURES				
Extinguishing Media	Use Water Fog, Foam, Dry Chemical and CO ₂ .			
Special Fire fighting Procedure	Use water spray cool fire-exposed containers and structures.			
Unusual Fire and Explosion Hazards	The packaging will burn if involved in a fire.			
SECTION 6 – ACCIDENTAL RELEASE MEASURES				
Small Spills	Not likely to occur. Sweep or shovel up.			

Large Spills	Not likely to occur.		
SECTION 7 – HANDLING AND STORAGE			
Handling procedures	Handle as a fragile material. The content will stain.		
Storage precautions	Normal precaution should be followed in handling and storage. Store in a dry place. Keep out of strong sunlight. Do not store at temperature : > 104F/40C or near spark or open flame.		
SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION			
PERSONAL PROTECTION (ONLY IF MOLTEN)			
Respiratory protection	No special respiratory protection is normally required.		
Protective gloves	No gloves are normally required.		
Eye protection	No special protection is normally required.		
Clothing	Standard industrial.		
SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES			
Appearance Various Colors Stick	Odour no odour	Physical state Solid @ 25C / 77F	Boiling point N / AV.
Melting point /825C	Specific gravity (H ₂ O=1) > 2	Vapour pressure (mm Hg) N / AV.	Solubility in water Insoluble
Solubility in organic solvent Partially 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), strong bases or acids, 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, smoke, soot and various organic oxidation by-products.		
SECTION 11 – TOXICOLOGICAL INFORMATION			
Carcinogenicity Not listed, not carcinogenic to date.	Mutagenicity / Teratogenicity Not listed		
Irritancy of Material Slight potential irritant	Sensitizing Capability Slight		
Reproductive Effects None known	Synergistic Materials None known		
SECTION 12 – ECOLOGICAL INFORMATION			
None known.			
SECTION 13 – DISPOSAL CONSIDERATION			
Dispose as industrial waste in accordance with appropriate Federal, State and local regulation.			
SECTION 14 – TRANSPORT INFORMATION			
Dot Classification N / AV.			
IMDG Classification N / AV.			
UN / NA Hazard No. N / AV.			
ICAO Classification N / AV.			
Other N / AV.			

SECTION 15 – REGULATORY INFORMATION	
SARA Status	None as defined by OSHA 29 CFR 1910.1200
TSCA Status	None
OSHA Status	None
WHMIS Status	Not a controlled material
CPR Compliance	N / AV.
SECTION 16 – OTHER INFORMATION	
N/AV=NOT AVAILBLE	
MSDS Originally made by Karl Pinard	Revised by Samia Ghezlaoui

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.

CARMEL GROUP INC.
RAILROAD CHALK PRODUCTS

Product code	Product Description
IC20501	Purple Railroad Chalk
IC20502	Yellow Railroad Chalk
IC20503	White Railroad Chalk
IC20504	Blue Railroad Chalk
IC20505	Brown Railroad Chalk
IC20508	Black Railroad Chalk
IC20509	Red Railroad Chalk
IC20510	Green Railroad Chalk
IC20512	Orange Railroad Chalk
IC20519	Pink Railroad Chalk