

CARMEL GROUP INC.

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Chalk-Line Powder Black		Revision date 22/12/09
Prev. revision date 05/03/07	Product code IC20108, IC20208, IC20308 & IC20408	Material use Marking chalk for use chalk-line reels.
Manufacturer Name and issuing location CARMEL GROUP INC. 10220 ARMAND LAVERGNE, MONTRÉAL, QUEBEC, CANADA, H1H 3N4 Tel : 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 as Dust (mg/m ³)				
				OSHA PEL-TWA	NIOSH REL-TWA	NIOSH REL-STEL	ACGIH TLV-TWA	ACGIH TLV-STEL
Limestone	2,4,5	1317-65-3	95 %	15	10		10	
Carbon Black	1,2,3,4,5,6,7	133-86-4	3.50%					
Silicone Dioxide	1,2,3,4,5,6,7	14808-60-7	1.7 %	0.1	0.05		0.05	

SECTION 3 – HAZARD IDENTIFICATION

Emergency Overview

Potential cause of respiratory, mucosa, epidermal and ocular irritation.

SKIN CONTACT	Possible irritation of extremely sensitive skin. Avoid skin contact.
EYE CONTACT	Dust type irritation may occur. Avoid eye contact.
INHALATION	Potential irritation, may be harmful if inhaled
INGESTION	No Known irritation. Do not ingest.

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	Rinse eyes with running water for 10 minutes holding the eyelids open.
Skin Contact	Wash affected area with soap and water.
Inhalation	Remove individual to a well ventilated area for fresh air and call a physician to attend to the injury.
Ingestion	Administer large quantities of water. Do not induce vomiting. Call a physician.
Addit. Info	None

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media	N/Av.
Special Fire fighting Procedure	None
Unusual Fire and Explosion Hazards	This product will burn if involve in a fire.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spills	Sweep up.
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Large Spills | Sweep up using dust control sweeping compounds or vacuum with H.E.P.A. filter.

SECTION 7 – HANDLING AND STORAGE

Handling procedures | Keep containers closed to prevent spills.

Storage precautions | Normal precaution should be followed in handling and storage. Store in a dry place.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION

Respiratory protection | Dust mask if used in large quantities.

Protective gloves | Wear latex or vinyl glove.

Eye protection | Protective glass.

Clothing | None special needed.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance Yellow Powder	Odour None	Physical state Solid @ 25°C / 77°F	Boiling point N/Av.
Melting point N/Av.	Specific gravity (H ₂ O=1) 2.95 - 3.08	pH N/Av.	Solubility in water 0.0015 g/ 100 ml
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

None under normal usage.

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
Breathable Silica (CAS#14808-60-7) is considered a carcinogen by IARC (Group 1 carcinogen), ACGIH (A2 - Suspected Human Carcinogen) and is listed in the NTP list of known human carcinogen.

Mutagenicity / Teratogenicity
Not listed.

Irritancy of Material
Slight.

Sensitizing Capability
None known

Reproductive Effects
None known

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.

None necessary

Other

N/Av.

SECTION 15 – REGULATORY INFORMATION

Hazard Details of SECTION 2	<ol style="list-style-type: none"> 1 Appears on the California Right-To-Know Substance List. 2 Appears on the Massachusetts Right-To-Know Substance List. 3 Appears on the New Jersey Right-To-Know Hazardous Substance List. 4 Appears on the Pennsylvania Hazardous Substance List. 5 Appears on the Minnesota Right-To-Know Substance List. 6 Appears on the Canadian WHMIS Ingredient Disclosure List. 7 Appears on the California Safe Drinking Water and Toxic Enforcement Act (Prop. 65) Substances 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	Considered to be hazardous material as defined by U.S. OSHA HCS (29 CFR 1910.1200).
WHMIS Status	Considered to be hazardous material as defined by Canadian WHMIS Controlled Product Regulation (CPR). Is classified under Class D2A (Class D Poisonous and infectious Materials : Very toxic material causing other toxic effects).
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 AVAILABLE

MSDS Originally made by Karl Pinard	Revised by Samia Ghezlaoui
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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.

CHALK-LINE POWDER BLACK PRODUCTS

Product code	Product Description
IC20108	Chalk-Line Powder Black 8 oz Container
IC20208	Chalk-Line Powder Black 5 lbs Container
IC20308	Chalk-Line Powder Black 25 lbs Container
IC20408	Chalk-Line Powder Black 50 lbs Container