

SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Disappearing Tailor Chalk		product code TC13203,TC13303,TC17547	[WHMIS Classification] D-2B	
Product Use Pattern marking on fabric				
Manufacturer's Name Carmel Group Inc.			Supplier's Name	
Street Address 10220 Armand Lavergne Ave.			Street Address	
City Montreal		Province Quebec	Province	
Postal Code H1H 3N5	Emergency Telephone 613-996-6666 Canutec		Postal Code	Emergency Telephone
Date SDS Prepared 26 May, 2015		SDS Prepared By D.A. Haney		Phone Number 514-270-5377

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>) <i>inhalation rat</i>
Benzoic Acid	>85	65-85-0	Mouse, oral 1940mg/kg	26mg/m³/1h
			Rat, oral 1700mg/kg	18-23mg/m³/4h

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion
[Emergency Overview]					
WHMIS Symbols]					
Potential Health Effects This product is not expected to present any unusual hazards in proper use (one chalk in a well ventilated area)					
Overheating is considered abnormal usage. Due to the presence of Benzoic acid contact with mucosa and skin must be avoided.					
Gloves must always be worn. Keep away from children.					

SECTION 4 — FIRST AID MEASURES

Skin Contact Flush affected area with plenty of water. Remove contaminated clothing. Seek medical attention if irritation occurs.
Eye Contact Immediately rinse with plenty of water for 15 minutes holding eyelids open. Seek medical attention.
Inhalation Not likely to occur with solid product. If inhaled remove to fresh air. Seek medical attention.
Ingestion Do not induce vomiting. Seek immediate medical attention.

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SECTION 5 — FIRE FIGHTING MEASURES

Flammable X Yes <input type="checkbox"/>	If yes, under which conditions? Product will burn if involved in a fire.	
Means of Extinction Use water spray, CO2, dry powder, or foam.		
Flashpoint (°C) and Method 121.5 oC	Upper Flammable Limit (% by volume) N/AV	Lower Flammable Limit (% by volume) N/AV
Autoignition Temperature (°C) N/AV	Explosion Data — Sensitivity to Impact None	Explosion Data — Sensitivity to Static Discharge No
Hazardous Combustion Products Oxides of carbon, phenol, benzene, and other complex chemicals.		
[NFPA] No existing standard.		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
Sweep or scrape up spilled material. Dispose as hazardous industrial waste according to government regulation.
For large spills cover material with soda ash or sodium bicarbonate and place in closed container for disposal.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment
Handle as fragile material. Wash after handling. Use adequate ventilation. Avoid eye, skin and clothing contact.
Avoid breathing dust.
Storage Requirements
Store in cool dry conditions. Avoid direct sunlight.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process) General factory ventilation should be adequate.
Personal Protective Equipment X Gloves <input type="checkbox"/> Respirator X Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Wear oil resistant type gloves, neoprene, nitrile or latex.
Standard safety glasses.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid	Odour and Appearance Acidic, flat rectangular chalk	Odour Threshold (ppm) N/AV
Specific Gravity 1.26	Vapour Density (air = 1) N/AV	Vapour Pressure (mmHg) <0.16 @ 77oF/25oC
Sublimation point 100oC / 212 oF	Boiling Point (° C) 250 oC	Freezing Point (° C) N/AV
pH 3.11 in .01% solution with water.	Coefficient of Water/Oil Distribution 1.87	[Solubility in Water] Partly soluble

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability X Yes <input type="checkbox"/> No	If no, under which conditions? Volatile in steam
Incompatibility with Other Substances X Yes No	If yes, which ones? Strong oxidizing agents (eg. Peroxides, chlorine) strong bases, amines, ammonia.

May cause hydrogen gas production when in contact with most metals in the presence of water.

Reactivity, and under what conditions?

As noted above.

Hazardous Decomposition Products

Burning can produce oxides of carbon, phenol, benzene and other complex chemicals.

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	
Mild irritation to skin and eyes. Ingestion may cause sore throat, gastric pain nausea and vomiting.	
Inhalation of dust may cause mild respiratory tract irritation, sore throat and coughing.	
Effects of chronic exposure	
Moderate irritation to skin and eyes. Ingestion and inhalation as above.	
Irritancy of Product Potential irritant	
Skin sensitization N/AV	Respiratory sensitization N/AV
Carcinogenicity-IARC not considered a carcinogen	Carcinogenicity - ACGIH not considered a carcinogen
Reproductive toxicity no known effect	Teratogenicity no known effect
Embrototoxicity no known effect	Mutagenicity no known effect
Name of synergistic products/effects none known	

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SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity]

Can be acutely toxic to aquatic organisms when present in high concentrations.

Material rapidly degrades in the environment (half-life <1 week in soil and 0.2 – 3.6 days in water)

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal

Dispose of waste as hazardous industrial material according to government regulation.

SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information

PIN

TDG Not regulated

[DOT] Not regulated

[IMO] Not regulated

[ICAO] Not regulated

SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification] *Hazardous Class D2 sub B*

[SARA] 311/312 (OSHA/TSCA) Listed as hazardous
Yes

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16 — OTHER INFORMATION

This material is considered relatively non toxic and should present little health hazard if standard good manufacturing procedures are followed.

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 damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.