

# CARMEL GROUP INC.

## SAFETY DATA SHEET

### SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Wow marker (Various Colors)		Revision date Sept 13, 2017	
Previous revision date June 07, 2016	Product code PM20903 to FM20919 (See p.5)	Material use Standard size paint marker with a durable nib for fine or bold line marker.	
Manufacturer's Name and issuing location <b>CARMEL GROUP INC.</b> 10220 ARMAND LAVERGNE, MONTRÉAL, QUEBEC, CANADA, H1H 3N4  Tel : 514-270-5377 Fax : 514-270-2025 Internet : www.carmelindustries.com		<b>EMERGENCY PHONE NUMBER</b> <b>CHEMTREC USA 800-424-9300</b> International 1-703-527-3887	

### SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

#### PREPATION HAZARDS AND CLASSIFICATION

Hazardous Ingredients	Risk phrases (Sect 16)	Note (Sect 15)	CAS #	Amount	Exposure Limits (ppm)				
					OSHA PEL	NIOSH REL-TWA	NIOSH REL-STEL	ACGIH TLV-TWA	ACGIH TLV-STEL
Titanium Dioxide	R36/R38		n/a	<10					

### SECTION 3 EMERGENCY OVERVIEW

Keep away from children. The product contains no substances which at their given concentration are considered to be hazardous to health

<b>SKIN CONTACT</b>	Generally the product does not irritate the skin.
<b>EYE CONTACT</b>	This product may cause irritation.
<b>INHALATION</b>	Non-hazardous in accordance with international standards for workplace safety.
<b>INGESTION</b>	May be harmful if swallowed. May cause eye irritation. (based on components)

<b>CHRONIC EFFECTS</b>	No further relevant information available.		
<b>Medical Condition Aggravated by Exposure</b>	No further relevant information available.		
Fire hazard : 0	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 : 1	Flammability: 0	Reactivity: 0	
0 = Minimal 1 = Slight hazard 2= Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard			

## SECTION 4 FIRST AID MEASURES

<b>EYE CONTACT</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/ attention.
<b>SKIN CONTACT</b>	Wash skin with soap and water. Get medical attention if irritation develops and persists.
<b>INHALATION</b>	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
<b>INGESTION</b>	IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell
<b>ADDITIONAL INFO</b>	None

## SECTION 5 FIRE FIGHTING MEASURES

<b>Flash Point Category (OSHA) IB -</b>	Non-combustible
<b>Extinguishing Media</b>	Extinguish with a multipurpose fire fighting CO <sub>2</sub> , water spray, dry powder or foam.
<b>Special Fire fighting Procedure</b>	Since the product is non-combustible, there is no need of a special fire fighting procedure.
<b>Unusual Fire and Explosion Hazards</b>	No further relevant information available.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

<b>Small Spills</b>	Cover remaining spilled product with dry powder, dry sand, or Vermiculite. Eliminate all source of ignition & ventilate area of spill. The product may be Already dry before powders are applied.
<b>Large Spills</b>	Unlikely to occur

## SECTION 7 HANDLING AND STORAGE

<b>Handling procedures</b>	None special needed. Don't break or burn the marker
<b>Storage precautions</b>	Normal precaution should be followed. Store in a dry & cool place, out of direct sunlight.
	Do not store at temperature >50°C/120°F.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION	
<b>Respiratory protection</b>	None if product is properly used.
<b>Protective gloves</b>	If marker is frequently used, wear rubber glove to prevent skin contact.
<b>Eye protection</b>	None if product is properly used.
<b>Clothing</b>	Standard industrial.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES			
Appearance Marker with a valve	Odour Neutral	Physical state Liquid at 25°C/77°F	Boiling point 173°F/78°C
Melting point N/Av.	Specific gravity (H <sub>2</sub> O=1) > 1	Evaporation rate (vs. Butyl Acetate) <0.01 at 25°C/77°F	Solubility in water soluble
Vapor Density vs. Air Heavier	Partitioning coefficient N/Av.	Typical density (lbs/gal) 7.69 to 9.64	Percent volatiles 10 to 20 %

SECTION 10 STABILITY AND REACTIVITY DATA	
Stability Stable	Hazardous polymerization Will not occur.
Incompatibility Normally no-reactive; 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.	

SECTION 11 TOXICOLOGICAL INFORMATION				
Irritancy of Material Cause eye & skin irritation.	Sensitizing Capability None known			
Mutagenicity / Teratogenicity Not listed	Synergistic Materials None known			
<b>Acute Toxicity Data</b>				
Ingredient	CAS#	LD <sub>50</sub> Oral (mg/kg)	LD <sub>50</sub> Dermal (mg/kg)	LC <sub>50</sub> Inhalation (4 hrs.)
Titanium Dioxide	13463-67-7	7500(rat)	50 (rat)	N/Av

SECTION 12 ECOLOGICAL INFORMATION
In the environment, the active ingredient in this formulation is expected to remain in water or migrate through the soil to groundwater . Harmful effects to aquatic organisms could occur.

SECTION 13 DISPOSAL CONSIDERATION
Dispose of in accordance with appropriate Federal, State and local regulation.

SECTION 14 TRANSPORT INFORMATION
Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations.

SECTION 15 REGULATORY INFORMATION	
EU Indication of danger:	Not classified
Canada - WHMIS: Classifications	None required This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.
SARA Hazard Cat.	Acute Health Hazard, Not flammable

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).
Risk Phrases	None.
Safety Phrases	S2: Keep out of reach of children.
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.

SECTION 16 OTHER INFORMATION	
Full Text of R-phrases appearing in Section 2	R36: Irritating to eyes R38: Irritating to skin
N/Av.=NOT AVAILBLE	N/L=NOT LISTED
<b>MSDS originally made by</b> Federico Segovia.	<b>Revised by</b>

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.

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## SAFETY DATA SHEET

### Product Description

PM20903	White Wow Marker
PM20902	Yellow Wow Marker
PM20912	Orange Wow Marker
PM20909	Red Wow Marker
PM20904	Blue Wow Marker
PM20910	Green Wow Marker
PM20908	Black Wow Marker
PM20919	Fluor Wow Marker