

# CARMEL GROUP INC.

## SAFETY DATA SHEET

### SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

|  |  |   |
|--|--|---|
| Product<br>Water based ballpoint marker (Various Colors)   |  | Revision date<br>10/30/17   |
| Previous revision date<br>09/13/17   | Product code<br>PM22802 to PM22812 (See p.5) | Material use<br>Standard size paint marker with a durable nib for fine or bold line marker.       |
| Manufacturer's Name and issuing location<br><b>CARMEL GROUP INC.</b><br>10220 ARMAND LAVERGNE,<br>MONTRÉAL, QUEBEC, CANADA,<br>H1H 3N4<br><br>Tel : 514-270-5377 Fax : 514-270-2025 Internet :<br>www.carmelindustries.com |  | <b>EMERGENCY PHONE NUMBER</b><br><b>CHEMTREC USA 800-424-9300</b><br>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 PE L-            | 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 :<br>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**

|                               |  |
|-------------------------------|--|
| <b>PERSONAL PROTECTION</b>    |  |
| <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<br>Marker with a valve   | Odour<br>Neutral                             | Physical state<br>Liquid at 25°C/77°F                      | Boiling point<br>173°F/78°C     |                                      |
| Melting point<br>N/Av.  | Specific gravity (H <sub>2</sub> O=1)<br>> 1 | Evaporation rate (vs. Butyl Acetate)<br><0.01 at 25°C/77°F | Solubility in water<br>soluble  |                                      |
| Vapor Density vs. Air<br>Heavier  | Partitioning coefficient<br>N/Av.            | Typical density (lbs/gal)<br>7.69 to 9.64                  | Percent volatiles<br>10 to 20 % |                                      |
| SECTION 10 STABILITY AND REACTIVITY DATA  |  |  |                                 |                                      |
| Stability<br>Stable   | Hazardous polymerization<br>Will not occur.  |  |                                 |                                      |
| Incompatibility<br>Normally no-reactive; however avoid contact with strong oxidizing agent (ex. Peroxides, chlorine).   |  |  |                                 |                                      |
| Hazardous decomposition products<br>Burning can produce noxious and toxic fumes, and the following combustion products:<br>Oxides of carbon.  |  |  |                                 |                                      |
| SECTION 11 TOXICOLOGICAL INFORMATION  |  |  |                                 |                                      |
| Irritancy of Material<br>Cause eye & skin irritation.   | Sensitizing Capability<br>None known         |  |                                 |                                      |
| Mutagenicity / Teratogenicity<br>Not listed   | Synergistic Materials<br>None known          |  |                                 |                                      |
| Acute Toxicity Data   |  |  |                                 |                                      |
| 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 SDS 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  | SDS 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 | SDS 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<br>R38: Irritating to skin |
| N/Av.=NOT AVAILBLE                                 | N/L=NOT LISTED                                     |
| <b>SDS originally made by</b><br>Federico Segovia. | <b>Revised by</b><br><b>Federico Segovia</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.

**CARMEL GROUP INC.**  
WATER BASED PAINT MARKER  
PRODUCTS

**Product code**

PM22802  
PM22803  
PM22804  
PM22808  
PM22809  
PM22810  
PM22812

**Product Description**

Yellow paint  
White paint  
Blue paint  
Black paint  
Red paint  
Green paint  
Orange paint