

CARMEL GROUP INC.

SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Paint Marker – Various Colors		Revision date 11/15/2021
Previous revision date 01/05/2017	Product code PM24102 to PM24109	Material use This marker applies special paint that penetrates oils and greases for weather and fade resistant vivid markings.
Manufacturer's 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 Canada: 1-514-270-5377

SECTION 2 – HAZARD IDENTIFICATION SECTION

Preparation Hazards and Classification

Emergency Overview

Flammable Liquid and Vapor. May be irritating to skin, respiratory tract and eyes.

EMERGENCY OVERVIEW: Flammable liquid and vapor.

GHS Classification

Eye Irrit. 2B, Flam. Liq. 2, Repr. 1A, STOT SE 3 NE, STOT SE 3 RTI

Symbol(s) of Product



Signal Word: Warning

GHS HAZARD STATEMENTS

Flammable Liquid, category 2	H225	Highly flammable liquid and vapour.
Eye Irritation, category 2B	H320	Causes eye irritation
STOT, single exposure, category 3, RTI	H335	May cause respiratory irritation.
STOT, single exposure, category 3, NE	H336	May cause drowsiness or dizziness

GHS SDS PRECAUTIONARY STATEMENTS

P240	Ground/bond container and receiving equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge

3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Wt %
Copolymer	977111-13-9	7-15
Ethanol	64-17-5	10-20
1-Methoxy-2-propanol	107-98-2	40-60

SECTION 4 – FIRST AID MEASURES

EYE CONTACT	In case of direct contact, flush eyes with generous amounts of water for at least 15 minutes. Call a physician to attend to the injury if irritation or redness persists.
SKIN CONTACT	Remove contaminated clothing. Wash affected area thoroughly with soap and water. Call a physician to attend to the injury if irritation or redness persists.
INHALATION	Remove individual to a well-ventilated area for fresh air. If breathing difficulties develop, oxygen should be administered by qualified personnel. Call a physician to attend to the injury.
INGESTION	Ingestion is an unlikely route of exposure under normal industrial condition. If material is ingested, immediately call a physician.
ADDITIONAL INFO	None

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point 46°C	Flash Point Category (OSHA) N/A	Lower Flammability Limit in Air (% by Vol) 1.3 to 1.5
Extinguishing Media	Extinguish with a multipurpose fire fighting CO ₂ , water spray, dry powder or foam.	
Special Firefighting Procedure	The use of self-contained breathing apparatus is recommended for fire fighters. Water spray may be used to cool the packages exposed to heat near the flame. Avoid spreading burning liquid with water used for cooling purposes.	
Unusual Fire and Explosion Hazards	This product is (OSHA) flammable and may be ignited by heat, sparks, flame or static electricity if container is broken. Vapors are heavier than air, may travel along the ground and may be moved by ventilation; flashback along vapor trail may occur.	

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spills	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.
Large Spills	Unlikely to occur in valve format

SECTION 7 – HANDLING AND STORAGE

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

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**PERSONAL PROTECTION**

Respiratory protection	None if product is properly used.
Protective gloves	Wear rubber glove to prevent skin contact.
Eye protection	None if product is properly used.
Clothing	Standard industrial.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance Liquid paint	Odour Alcohol/Glycol odour	Physical state Liquid @ 25°C/77°F	Boiling point 173°F/78°C to 301°F/149°C
Melting point N/Av.	Specific gravity (H ₂ O=1) > 1	Evaporation rate (vs. Butyl Acetate) <0.01 @ 25°C/77°F	Solubility in water Partially soluble
Vapor Density vs. Air Heavier	Partitioning coefficient N/Av.	Typical density (lbs/gal) 7.69 to 9.64	Percent volatiles 59 to 81 %

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).

Hazardous decomposition products

Burning can produce noxious and toxic fumes, and the following combustion products: Oxides of carbon, oxides of nitrogen & sulfur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Carcinogenicity Ethanol is not listed in NTP or IARC carcinogen list of product. The ethanol present in this product is unsuitable to drink.	Reproductive Effects Ethanol has been linked to birth defects in humans when ingested. However, the ethanol present in this product is unsuitable to drink.
Irritancy of Material Cause eye & skin irritation.	Sensitizing Capability None known
Mutagenicity / Teratogenicity Not listed	Synergistic Materials None known

SECTION 12 – ECOLOGICAL INFORMATION

Toxic to aquatic organism. Avoid contact with public sewer system.

SECTION 13 – DISPOSAL CONSIDERATION

Dispose of in accordance with appropriate Federal, State and local regulation.

SECTION 14 – TRANSPORT INFORMATION

Dot Hazard Classification Hazard Class : 3 Proper Shipping name Paint, Flammable Liquid UN Number : 1263 Packing group III
IATA Classification Hazard Class : 3 Proper Shipping name Paint, Flammable Liquid UN Number : 1263 Packing group III
ICAO Classification Hazard Class : 3 Proper Shipping name Paint, Flammable Liquid UN Number : 1263 Packing group III
IMO Classification Hazard Class : 3 Proper Shipping name Paint, Flammable Liquid UN Number : 1263 Packing group III
TDG Hazard Classification Hazard Class : 3 Proper Shipping name Paint, Flammable Liquid UN Number : 1263 Packing group III

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 7 Reportable under the export notification requirements of TSCA, Section 12(B).
SARA Status	8 No reporting requirement.
SARA Hazard Cat.	9 Acute Health Hazard, Flammable
TSCA Status	10 All ingredients of this product are listed on the U.S. EPA TSCA (Toxic Substances Control Act) Chemical Substance Inventory. 11 This product also contains ethanol (64-17-5) which is reportable under the export notification requirements of TSCA, Section 12(B).
DSL Status	12 All ingredients of this product are listed on the Canadian EPA (CEPA) 13 Domestic Substances List (DSL).
EINECS Status	14 All ingredients of this product are listed on the European Inventory of 15 Existing Chemical Substances (EINECS).
AICS Status	16 All ingredients of this product are listed on the Australian Inventory of 17 Chemical Substances (AICS).
OSHA Status	18 Not a hazardous material as defined by U.S. OSHA HCS (29 CFR 19 1910.1200). Falls under the definition of an "article".
WHMIS Status	20 Not considered to be hazardous material as defined by Canadian WHMIS 21 Controlled Product Regulation (CPR). Falls under the definition of a "manufactured article".
Risk Phrases	22 None.
Safety Phrases	23 S2: Keep out of reach of children.
OSHA HCS Compliance	24 SDS of the product is classified in accordance with all the required 25 information for his hazard criteria under the Health Communication Standards of the U.S. OSHA.
WHMIS CPR Compliance	26 SDS of the product is classified in accordance with all the required information for his hazard criteria under the Controlled Products Regulations of the 27 Canadian WHMIS.
ANSI Z400.1-1993 Compliance	28 SDS of the product is made following the Z400.1-1993 standards of the 29 ANSI.

SECTION 16 – OTHER INFORMATION

Full Text of R-phrases appearing in Section 2	R10 : Flammable R11 : Highly flammable R20/21 : Harmful by inhalation and in contact with skin R36 : Irritating to eyes R38 : Irritating to skin R66 : Repeated exposure may cause skin dryness or cracking R67 : Vapours may cause drowsiness and dizziness
N/Av.=NOT AVAILBLE	N/L=NOT LISTED
SDS Originally made by Carmel Industries Inc.	

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.