



# Safety Data Sheet

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## Section 01 - Identification

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<b>Product Identifier</b>	Road marking paint (white, water based)
<b>Other Means of Identification</b>	None
<b>Product Use and Restrictions on Use</b>	Traffic lines on roads, paved surfaces for outside use.
<b>Initial Supplier Identifier</b>	ClearTech Industries Inc. 1500 Quebec Avenue Saskatoon, SK. Canada S7K 1V7
<b>Prepared By</b>	ClearTech Industries Inc. Technical Writer Phone: 1 (800) 387-7503
<b>24-Hour Emergency Phone</b>	Phone: 1 (306) 664 – 2522

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## Section 02 - Hazard Identification

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### GHS-Classification

**STOT-Single Exposure**                      Category 2

### Physical Hazards

No known physical hazards.

### **Warning**

### **Hazards Statements**

H371 – May cause damage to the optic nerve.

### **Pictograms**



### **Precautionary Statements**

P405 – Store locked up.

P260 – Do not breathe mist, vapours or spray.

P270 – Do not eat, drink or smoke when using this product.

P308 + P311 – IF exposed or concerned: Call a POISON CENTER or doctor/physician.

P501 – Dispose of contents/container in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

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## Section 03 - Composition / Information on Ingredients

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Chemical Name	CAS Number	Weight %	Unique Identifiers
Texanol	25265-77-4	1-2%	
Methanol	67-56-1	2-6%	

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## Section 04 - First Aid Measures

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<b>Inhalation</b>	Remove victim to fresh air. Give artificial respiration only if breathing has stopped. If breathing is difficult, give oxygen. Seek medical attention.
<b>Skin Contact / Absorption</b>	Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation occurs or persists.
<b>Eye Contact</b>	Contact lenses should never be worn when working with this product. Flush immediately with water for at least 30 minutes. Forcibly hold eyelids apart to ensure complete irrigation of eye tissue. If irritation persists, seek medical attention.
<b>Ingestion</b>	Never give anything by mouth if victim is rapidly losing consciousness, is unconscious or convulsing. Have victim rinse mouth with water. Seek medical attention.
<b>Additional Information</b>	Not Available

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## Section 05 - Fire Fighting Measures

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<b>Suitable Extinguishing Media</b>	Water fog, carbon dioxide, dry chemical or foam.
<b>Unsuitable Extinguishing Media</b>	Not Available
<b>Specific Hazards Arising From the Chemical</b>	Carbon monoxide, carbon dioxide, incomplete combustion products containing lead and chromate.
<b>Special Protective Equipment and Precautions for Fire-Fighters</b>	Wear NIOSH-approved self-contained breathing apparatus and protective clothing.
<b>Further Information</b>	Not Available

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## Section 06 - Accidental Release Measures

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<b>Personal Precautions / Protective Equipment / Emergency Procedures</b>	Wear appropriate personal protective equipment. Ventilate area. Only enter area with PPE.
<b>Environmental Precautions</b>	Prevent material from entering sewers.
<b>Methods and Materials for Containment and Cleaning Up</b>	Stop or reduce leak if safe to do so. Do not use sawdust or other combustible material to absorb material.

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## Section 07 - Handling and Storage

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<b>Precautions for Safe Handling</b>	Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure.
<b>Conditions for Safe Storage</b>	Keep containers covered when not in use. Store containers in a cool, well-ventilated area. Keep away open flames, sparks or heat. Do not allow product to freeze.
<b>Incompatibilities</b>	Not Available

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## Section 08 - Exposure Controls and Personal Protection

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### Exposure Limit(s)

Component	Regulation	Type of Listing	Value
Methanol	ACGIH	TWA	200ppm (skin)
	ACGIH	STEL	250ppm (skin)
	OSHA	TWA	200ppm (skin)

### Engineering Control(s)

#### Ventilation Requirements

Mechanical ventilation (dilution or local exhaust), process or personnel enclosure and control of process conditions must be provided in accordance with all fire codes and regulatory requirements. Supply sufficient replacement air to make up for air removed by exhaust systems.

#### Other

Emergency shower and eyewash must be available and tested in accordance with regulations and be in close proximity.

### Protective Equipment

#### Eyes/Face

Chemical safety goggles and/or a face shield should be worn while product is being handled.

#### Hand Protection

No specific requirements, but it is good practice to prevent skin contact by wearing impervious gloves of chemical resistance.

#### Skin and Body Protection

No specific requirements, but it is good practice to prevent skin contact by wearing body suite, aprons, and/or coveralls.

No special footwear is required other than what is mandated at place of work.

#### Respiratory Protection

If engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable personal protective equipment including approved respiratory protection.

#### Thermal Hazards

Not Available

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## Section 09 - Physical and Chemical Properties

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### Appearance

Physical State	Liquid
Colour	Viscous
Odour	Slight odour
Odour Threshold	Not Available

### Property

pH	Not Available
Melting Point/Freezing Point	0°C
Initial Boiling Point and Boiling Range	64-100°C
Flash Point	> 93°C
Evaporation Rate	< 1

<b>Flammability</b>	Polymer film can burn, material can splatter above 100°C.
<b>Upper Flammable Limit</b>	Not Available
<b>Lower Flammable Limit</b>	Not Available
<b>Vapour Pressure (mm Hg, 20°C)</b>	> 17mmHg
<b>Vapour Density (Air=1)</b>	> 1
<b>Relative Density</b>	Not Available
<b>Solubility(ies)</b>	Not Available
<b>Partition Coefficient: n-octanol/water</b>	Not Available
<b>Auto-ignition Temperature</b>	Not Available
<b>Decomposition Temperature</b>	Not Available
<b>Viscosity</b>	Not Available
<b>Explosive Properties</b>	Closed containers may explode if exposed to very high temperatures.
<b>Specific Gravity (Water=1)</b>	1.50-1.90 at 25°C
<b>% Volatiles by Volume</b>	Not Available
<b>Formula</b>	Not Available
<b>Molecular Weight</b>	Not Available

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## Section 10 - Stability and Reactivity

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<b>Reactivity</b>	Polymer decomposition is dependant on temperature and time.
<b>Stability</b>	Considered stable.
<b>Possibility of Hazardous Reactions</b>	Not Available
<b>Conditions to Avoid</b>	Not Available
<b>Incompatible Materials</b>	Strong oxidizers
<b>Hazardous Decomposition Products</b>	Not Available

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## Section 11 - Toxicological Information

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### Acute Toxicity Estimate

<b>Component</b>	<b>Oral LD<sub>50</sub></b>	<b>Dermal LD<sub>50</sub></b>	<b>Inhalation LC<sub>50</sub></b>
Marking Paint (Water Based) – White	27.6 g/kg	195.5 g/kg	158 mg/L

This product has been classified in accordance with the Hazardous Products Regulations using ATE formula documented in the GHS standard.

## Chronic Toxicity – Carcinogenicity

### Component

### IARC

Marking Paint (Water Based) – White

No component listed in this product is classified as carcinogenic.

<b>Skin Corrosion/Irritation</b>	Moderately irritating
<b>Ingestion</b>	May cause severe health effects (bronchial pneumonia or pulmonary edema) if swallowed and gets into lungs.
<b>Inhalation</b>	Irritating to eyes, nose, throat and lungs. May cause headaches, dizziness, effects of drunkenness or other central nervous system effects.
<b>Serious Eye Damage/Irritation</b>	Irritating to eyes, can cause injury if abrasive pigments are rubbed into the eyes.
<b>Respiratory or Skin Sensitization</b>	Not known to be a sensitizer.
<b>Germ Cell Mutagenicity</b>	Not Available
<b>Reproductive Toxicity</b>	Not Available
<b>STOT-Single Exposure</b>	Not Available
<b>STOT-Repeated Exposure</b>	May cause damage to the optic nerve.
<b>Aspiration Hazard</b>	Not Available
<b>Synergistic Materials</b>	Not Available

## Section 12 – Ecological Information

### Ecotoxicity

Component	Toxicity to Algae	Toxicity to Fish	Toxicity to Daphnia and Other Aquatic Invertebrates
Methanol	EC <sub>50</sub> (Green algae, 48hr): 3.01mg/L	LC <sub>50</sub> (Lepomis macrochirus, 96 hrs): 15,400mg/L	EC <sub>50</sub> (Ceriodaphnia dubia, 48 hrs): 11mg/L
Texanol	Not Available	LC <sub>50</sub> (Fathead minnow, 96hr): 30mg/L	LC <sub>50</sub> (Daphnia magna, 96hr): ≥95mg/L
<b>Biodegradability</b>	Methanol is expected to readily breakdown to carbon dioxide and water.		
<b>Bioaccumulation</b>	Not Available		
<b>Mobility</b>	Low potential to absorb on soil.		
<b>Other Adverse Effects</b>	Not Available		

## Section 13 – Disposal Considerations

<b>Waste From Residues/Unused Products</b>	Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.
<b>Contaminated Packaging</b>	Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

## Section 14 – Transport Information

<b>UN Number</b>	Not Regulated
<b>UN Proper Shipping Name</b>	Not Regulated
<b>Transport Hazard Class(es)</b>	Not Regulated
<b>Packaging Group</b>	Not Regulated

<b>Environmental Hazards</b>	Not listed as a marine pollutant under Canadian TDG Regulations, schedule III.
<b>Special Precautions</b>	Not Available
<b>Transport in Bulk</b>	Not Available

## **TDG**

<b>Other</b>	Secure containers (full and/or empty) with suitable hold down devices during shipment and ensure all caps, valves, or closures are secured in the closed position.
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**TDG PRODUCT CLASSIFICATION:** This product has been classified on the preparation date specified at section 14 of this MSDS / SDS, for transportation in accordance with the requirements of part 2 of the Transportation of Dangerous Goods Regulations. If applicable, testing and/or published test data regarding the classification of this product are listed in the references at section 16 of this MSDS / SDS.

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## **Section 15 – Regulatory Information**

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**NOTE: THE PRODUCT LISTED ON THIS SDS HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS. THIS SDS CONTAINS ALL INFORMATION REQUIRED BY THOSE REGULATIONS.**

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## **Section 16 – Other Information**

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**Preparation Date** August 27, 2015

**Note:** The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.

### **Attention: Receiver of the chemical goods / SDS coordinator**

As part of our commitment to the Canadian Association of Chemical Distributors (CACD) Responsible Distribution<sup>®</sup> initiative, ClearTech Industries Inc. and its associated companies require, as a condition of sale, that you forward the attached Safety Data Sheet(s) to all affected employees, customers, and end-users. ClearTech will send any available supplementary handling, health, and safety information to you at your request.

If you have any questions or concerns please call our customer service center.

### **References:**

- 1) CHEMINFO
- 2) eChemPortal
- 3) TOXNET
- 4) Transportation of Dangerous Goods Canada
- 5) HSDB
- 6) ECHA

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