

# Safety Data Sheet



## Section 1. Identification

**Product Code:** EF610035  
**Product Name:** Alberta water based paint white (2019)  
**Product Type:** WB Paint  
**Recommended Use:** Traffic Markings  
**Supplied by:** Ennis-Flint, Inc.  
 4161 Piedmont Parkway, Suite 370  
 Greensboro, NC 27410  
 T: 800.331.8118  
  
**Emergency Telephone:** Chemtrec 1-800-424-9300

## 2. Hazards Identification

**EMERGENCY OVERVIEW:** This product contains a component suspected of causing cancer. However, it is in a non-respirable form and inhalation is unlikely to occur from exposure. This classification is relevant when exposed to dust or powder form only (e.g. sanding, grinding).

### GHS Classification

Carc. 1B, STOT SE 1

### Symbol(s) of Product



### Signal Word

Danger

### GHS HAZARD STATEMENTS

Carcinogenicity, category 1B	H350	May cause cancer.
STOT, single exposure, category 1	H370	Causes damage to organs.

### GHS PRECAUTIONARY STATEMENTS

P201	Obtain special instructions before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P270	Do not eat, drink or smoke when using this product.
P281	Use personal protective equipment as required.
P307+P311	IF exposed: Call a POISON CENTER or doctor/physician.
P308+P313	IF exposed or concerned: Get medical advice/attention.

## 3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Calcium Carbonate	1317-65-3	50-75	No Information	No Information
Titanium Dioxide	13463-67-7	2.5-10	No Information	No Information
Methanol	67-56-1	2.5-10	GHS02-GHS08	H225-370
Crystalline Silica, Quartz	14808-60-7	1.0-2.5	GHS08	H351
Paraffinic Oil	64742-65-0	0.1-1.0	GHS08	H350
Ammonium hydroxide	1336-21-6	0.1-1.0	GHS05-GHS07	H302-314-335
Petroleum distillates, solvent dewaxed lightparaffinic	64742-56-9	<0.1	GHS08	H350

## 4. First-aid Measures



**FIRST AID - GENERAL ADVICE:** No hazards which require special first aid measures.

**FIRST AID - INHALATION:** Move to fresh air. Consult a physician if symptoms persist.

**FIRST AID - INGESTION:** Do NOT induce vomiting. If conscious, rinse mouth and drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

**FIRST AID - SKIN CONTACT:** Wash affected area immediately with soap and plenty of water. Remove contaminated clothing and launder before reuse. Consult a physician if symptoms persist.

**FIRST AID - EYE CONTACT:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if symptoms persist.

**MOST IMPORTANT SYMPTOMS AND EFFECTS:** None under normal processing.

**NOTES TO PHYSICIAN:** Show this safety data sheet to the doctor in attendance.

## 5. Fire-fighting Measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None expected.

**SPECIAL FIREFIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**EXTINGUISHING MEDIA:** Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

## 6. Accidental Release Measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Use personal protective equipment. Ensure adequate ventilation. Dike far ahead of liquid spill for later disposal.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Soak up with inert absorbent material. Take up mechanically. Keep in suitable and closed containers for disposal.

**ENVIRONMENTAL PRECAUTIONS:** Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

**EMERGENCY ADVICE:** Under normal usage or contained spills, this material should not pose a significant emergency risk.

**PERSONAL PRECAUTIONS:** Ensure sufficient ventilation. Use personal protective equipment. Use NIOSH approved respiratory protection if exposed to vapors, dust, mist or aerosols above the occupational exposure limits.

## 7. Handling and Storage



**HANDLING:** Ensure adequate ventilation. Avoid breathing vapor, mists or dust. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Observe good industrial hygiene practices.

**STORAGE:** Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers. MINIMUM RECOMMENDED STORAGE TEMPERATURE IS 34 F (1 C). MAXIMUM RECOMMENDED STORAGE TEMPERATURE IS 120 F (49 C).

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Calcium Carbonate	N.E.	N.E.	15 mg/m3	N.E.
Titanium Dioxide	10 mg/m3	N.E.	15 mg/m3	N.E.
Methanol	200 ppm	250 ppm	200 PPM	N.E.

Crystalline Silica, Quartz	0.025 mg/m3	N.E.	0.05 mg/m3	N.E.
Paraffinic Oil	N.E.	N.E.	N.E.	N.E.
Ammonium hydroxide	25 ppm	35 ppm	N.E.	N.E.
Petroleum distillates, solvent dewaxed lightparaffinic	N.E.	N.E.	N.E.	N.E.

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

## Personal Protection



**RESPIRATORY PROTECTION:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.



**SKIN PROTECTION:** Wear waterproof protective gloves.



**EYE PROTECTION:** Safety glasses with side-shields.



**OTHER PROTECTIVE EQUIPMENT:** Eyewash stations, safety showers, ventilation systems.



**HYGIENIC PRACTICES:** When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.



**ENGINEERING CONTROLS:** Use in a well ventilated area.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	White Liquid	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Slight, Ammonia	<b>Odor Threshold:</b>	Not Established
<b>Density, g/cm3:</b>	1.663	<b>pH:</b>	>9.6
<b>Freeze Point, °C:</b>	No Information	<b>Viscosity:</b>	80.1
<b>Solubility in Water:</b>	Insoluble	<b>Partition Coefficient, n-octanol/ water:</b>	No Information
<b>Decomposition temperature, °C</b>	No Information		
<b>Boiling Range, °C:</b>	Not Determined	<b>Explosive Limits, %:</b>	Not Determined
<b>Combustibility:</b>	Does not Support Combustion	<b>Flash Point, °C:</b>	>94
<b>Evaporation Rate:</b>	Slower than Diethyl Ether	<b>Auto-Ignition Temperature, °C</b>	No Information
<b>Vapor Density:</b>	Heavier than air	<b>Vapor Pressure, mmHg:</b>	No Information

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**REACTIVITY:** Stable under normal conditions.

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** Excessive heat. Do not freeze.

**INCOMPATIBILITY:** None known based on information supplied.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon oxides. Nitrogen oxides.

## 11. Toxicological Information



### Practical Experiences

**MOST IMPORTANT SYMPTOMS AND EFFECTS:** None under normal processing.

**EFFECT OF OVEREXPOSURE - INHALATION:** Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes). May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. Sanding and grinding dust may be harmful if inhaled.

**EFFECT OF OVEREXPOSURE - INGESTION:** Ingestion may cause irritation to mucous membranes. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. May cause gastrointestinal disturbances with dizziness and central nervous system depression.

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** Direct skin contact may cause irritation.

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** Direct eye contact may cause irritation.

**EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS:** This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product. Inhalation exposure to respirable levels of crystalline silica may cause respiratory impairment and lung damage. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product. Crystalline silica (quartz) has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen. Inhalation, ingestion, or skin absorption of methanol can cause blindness.

**CARCINOGENICITY:** This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Inhalation, Skin Absorption, Skin Contact

### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
1317-65-3	Calcium Carbonate	> 2000 mg/kg	> 2000 mg/kg	>20001 ppm (Gas/Mist)
13463-67-7	Titanium Dioxide	>10000 mg/kg Rat	N.I.	>20001 ppm (Gas/Mist)
67-56-1	Methanol	6200 mg/kg Rat	15840 mg/kg Rabbit	22500 ppm Rat (Gas/Mist)
14808-60-7	Crystalline Silica, Quartz	>2000 mg/kg	> 2000 mg/kg	>20001 ppm (Gas/Mist)
64742-65-0	Paraffinic Oil	>15000 mg/kg Rat	> 2000 mg/kg	>20001 ppm (Gas/Mist)
1336-21-6	Ammonium hydroxide	350 mg/kg Rat	> 2000 mg/kg	>20001 ppm (Gas/Mist)
64742-56-9	Petroleum distillates, solvent dewaxed lightparaffinic	>5000 mg/kg Rat	>5000 mg/kg Rabbit	N.I.

N.I. = No Information

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** The environmental impact of this product has not been fully investigated.

**PRESISTENCE AND DEGRADABILITY:** No Information

**BIOACCUMULATIVE POTENTIAL:** No Information

**MOBILITY:** No Information

**OTHER ADVERSE ECOLOGICAL EFFECTS:** No Information

## 13. Disposal Information



Product

**DISPOSAL METHOD:** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). Dispose of contents/ container in accordance with the local/regional/national/international regulations. Do not re-use empty containers.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Use personal protective equipment. Ensure adequate ventilation. Dike far ahead of liquid spill for later disposal.

**CONTAMINATED PACKAGING:** Dispose of contents/ container in accordance with the local/regional/national/international regulations.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** None.

### Road Transport

UN Number:	Not Regulated
Shipping Name:	Not Regulated
Transport Hazard Class:	Not Regulated
Packing Group:	Not Applicable
ERG No:	Not Regulated

### Sea Transport

UN Number:	Not Regulated
Shipping Name:	Not Regulated
IMDG Class:	Not Regulated
Packing Group:	Not Applicable
EmS-No:	Not Regulated
Marine Pollutant:	Not A Marine Pollutant

### Air Transport

UN Number:	Not Regulated
Shipping Name:	Not Regulated
IATA Class:	Not Regulated
Packing Group:	Not Applicable

## 15. Regulatory Information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Carcinogenicity, Specific target organ toxicity (single or repeated exposure)

#### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
Methanol	67-56-1

Ethoxylated Nonylphenol, Branched

68412-54-4

**TOXIC SUBSTANCES CONTROL ACT:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

**U.S. State Regulations:****NEW JERSEY RIGHT-TO-KNOW:**

The following materials are hazardous or among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
Calcium Carbonate	1317-65-3
Water	7732-18-5
Acrylic polymer	9003-01-4
Titanium Dioxide	13463-67-7
Methanol	67-56-1
Crystalline Silica, Quartz	14808-60-7
Paraffinic Oil	64742-65-0
Ammonium hydroxide	1336-21-6
Petroleum distillates, solvent dewaxed lightparaffinic	64742-56-9

**PENNSYLVANIA RIGHT-TO-KNOW**

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS-No.</u>
Calcium Carbonate	1317-65-3
Water	7732-18-5
Acrylic polymer	9003-01-4
Titanium Dioxide	13463-67-7
Methanol	67-56-1
Crystalline Silica, Quartz	14808-60-7
Paraffinic Oil	64742-65-0
Ammonium hydroxide	1336-21-6
Petroleum distillates, solvent dewaxed lightparaffinic	64742-56-9

**CALIFORNIA PROPOSITION 65 CARCINOGENS****WARNING**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS-No.</u>
Titanium Dioxide	13463-67-7
Crystalline Silica, Quartz	14808-60-7

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS****WARNING**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

<u>Chemical Name</u>	<u>CAS-No.</u>
Methanol	67-56-1

**International Regulations: As follows -****CANADIAN WHMIS:**

This SDS has been prepared in compliance with Controlled Product Regulations.

**16. Other Information**

**Revision Date:** 4/8/2020 **Supersedes Date:** New MSDS

**Datasheet produced by:** Regulatory Department

**HMS Ratings:**

<b>Health:</b>	N.I.	<b>Flammability:</b>	N.I.	<b>Reactivity:</b>	N.I.	<b>Personal Protection:</b>	N.I.
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed. Any use of the product not in conformance with this SDS or in combination with any other product or process is the responsibility of the user.