



# Material Safety Data Sheet

**24 Hour Emergency:**  
**CHEMTREC: 1-800-424-9300**

**Outside U.S. and Canada**  
**Chemtrec: 202-483-7616**

NOTE: CHEMTREC, CANUTEC and National  
Response Center emergency numbers to be used only  
in the event of chemical emergencies involving a spill,  
leak, fire, exposure or accident involving chemicals

## Section 1 - Chemical Product / Company Information

Product Name:	WHITE FAST-DRY ACRYLIC WATERBORNE TRAFFIC MARKING PAINT	Revision	08/14/2006
Identification Number:	72W-A037	Date:	08/14/2006
Product Use/Class:	55	Supercedes :	08/14/2006
Supplier:	Aexcel Corporation 7373 Production Drive Mentor, OH 44060	Manufacturer:	Aexcel Corporation 7373 Production Drive Mentor, OH 44060
Preparer:	Webb, Lorie		

## Section 2 - Composition / Information On Ingredients

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Wt. %</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH TLV-STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
METHANOL	67-56-1	2.	200	250	200	

## Section 3 - Hazards Identification

**Emergency Overview:** Skin and eye irritant.

Effects Of Overexposure - Eye Contact: Mist and vapors may cause eye irritation.

Effects Of Overexposure - Skin Contact: Direct skin contact may cause moderate to severe irritation and possibly dermatitis.

Effects Of Overexposure - Inhalation: Inhalation may cause intense irritation to the respiratory tract (nose, mouth, mucous membranes).

Effects Of Overexposure - Ingestion: Harmful: possible risk of irreversible effects if swallowed. May be fatal or cause blindness.

Effects Of Overexposure - Chronic Hazards: Danger of very serious irreversible effects. Ingestion may be fatal or cause blindness.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact

## Section 4 - First Aid Measures

First Aid - Eye Contact: Flush eye(s) immediately with plenty of water. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

First Aid - Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Wash off with soap and water.

First Aid - Inhalation: Move to fresh air. Oxygen or artificial respiration if needed.

First Aid - Ingestion: Induce vomiting immediately and call a physician.

## Section 5 - Fire Fighting Measures

Flash Point, > 200 DEG. F. TCC

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam

Unusual Fire And Explosion Hazards: Remove all sources of ignition.

Special Firefighting Procedures: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

<u>Chemical Name</u>	<u>LEL</u>	<u>UEL</u>	<u>FLASH POINT F. DEG</u>	<u>AUTO-IGNITION TEMP. F DEG</u>
METHANOL	6.00	36.00	54	725

## Section 6 – Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Sweep up and shovel into suitable containers for disposal. Soak up with inert absorbent material.

## Section 7 - Handling And Storage

Handling: Keep away from open flames, hot surfaces and sources of ignition. Keep away from food and drink. Containers of this material may be hazardous when emptied. Do not re-use empty containers. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. All metal parts of the mixing and processing equipment must be grounded.

Storage: Harmful - Store away from foodstuffs.

## Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

Respiratory Protection: In the case of respirable dust and/or fumes, use self-contained breathing apparatus.

Skin Protection: Impervious gloves.

Eye Protection: Safety glasses with side-shields.

Other protective equipment: Impervious clothing.

Hygienic Practices: General industrial hygiene practice.

## Section 9 - Physical And Chemical Properties

Odor: Characteristic  
 Appearance: Heavy White Liquid  
 Specific Gravity: 1.565  
 Physical State: Liquid

(See section 16 for abbreviation legend)

<u>CHEMICAL NAME</u>	<u>VAPOR DENSITY</u>	<u>EVAPORATION RATE</u>	<u>BOILING POINT</u>	<u>VP mmHg</u>	<u>at DEG. F</u>
METHANOL	1.11	5.2	149	47.3	77

## Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid heat, sparks, open flame and other ignition sources.

Incompatibility: Incompatible with strong acids and oxidizing agents.

Hazardous Decomposition Products: No decomposition if stored and applied as directed.

Hazardous Polymerization: Will not occur.

Stability: Stable under normal conditions.

## Section 11 - Toxicological Information

No Data.

## Section 12 - Ecological Information

Ecological Information: Do not allow material to contaminate ground water system.

## Section 13 - Disposal Information

Disposal Information: Dispose of in accordance with all local, state and federal regulations.

## Section 14 - Transportation Information

DOT Proper Shipping Name: Paint, Latex  
 DOT Hazard Class: Non-Hazardous  
 DOT UN/NA Number: Non-Regulated

## Section 15 - Regulatory Information

**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:

**SARA Section 312:**

Chemical Name  
METHANOL

CAS Number  
67-56-1

**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:

Chemical Name  
METHANOL

CAS Number  
67-56-1

**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:

**U.S. State Regulations: As follows –**

**California Proposition 65:**

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

None

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

None

**International Regulations: As follows –**

**CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**CANADIAN WHMIS CLASS:**

**Section 16 - Other Information**

**HMIS Ratings:**

Health: 1                      Flammability: 1                      Reactivity: 0                      Personal Protection:

**VOLATILE ORGANIC COMPOUNDS, GR/LTR: 94.86**

**REASON FOR REVISION:**

**Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

# Aexcel Corporation

## Material Safety Data Sheet

### I. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 72Y-A038  
**Product Code:** 72Y-A038  
**Description:** Yellow Fast-Dry Acrylic Waterborne Traffic Marking Paint  
**Manufacturer:** Aexcel Corporation  
 7373 Production Drive  
 Mentor, OH 44060  
**Phone Numbers:** Information: 440-974-3800  
 Emergency/CHEMTREC: 800-424-9300  
**MSDS Rev No./Date:** 3 2005-05-10 14:54:43

### II. COMPOSITION/INFORMATION ON POTENTIALLY HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Wt %	OSHA Permissible Exposure Limits (PEL)	
			STEL	TWA
LEAD CPDS (AS PB)	NONE	3.67	N.E.	.05 mg/m <sup>3</sup> (as Pb)
METHYL ALCOHOL	67-56-1	2.23	250 PPM (SKIN)	200 PPM (SKIN)
CHROME COMPOUNDS (AS CR03)	NONE	1.73	N.E.	0.1 mg/m <sup>3</sup> (as Cro3) ceiling
TEXANOL	25265-77-4	1.23	N.E.	N.E.

### III. HAZARDS IDENTIFICATION

**HMIS Safety Ratings**  
 (0 - 4, 4 = severe hazard)

<b>Health</b>	<b>Flammability</b>	<b>Reactivity</b>
3*	0	0

#### Health Hazards

**Routes of Entry:** Inhalation, Absorption, Skin contact, Eye contact  
**Target Organs:** Kidneys, Liver, Lungs, Pancreas, Heart, Brain

#### Immediate (Acute) Health Effects by Route of Exposure:

**Inhalation Irritation:** Repeated exposure by inhalation may cause systemic poisoning, brain disorders, impaired vision and blindness.  
**Skin Contact:** Can cause minor skin irritation, defatting, and dermatitis. Continued or prolonged contact may irritate the skin and cause a skin rash (dermatitis).  
**Skin Absorption:** May cause mild skin irritation.  
**Eye Contact:** Can cause minor irritation, tearing and reddening. Can causes slight irritation.  
**Ingestion Irritation:** Overexposure to lead compounds may cause neurological, kidney and reproductive effects and anemia. May be fatal or cause blindness if swallowed.

#### Long-Term (Chronic) Health Effects:

**Carcinogenicity:** See Section XV.  
**Reproductive/Developmental:** A component in this product has been shown to cause birth defects and reproductive disorders in laboratory animals at high doses.  
**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.  
**Inhalation:** Repeated exposure by inhalation may cause system poisoning, brain disorders, impaired vision and blindness.  
**Skin Contact:** Upon prolonged or repeated contact, can cause minor skin irritation, defatting,

**Skin Absorption:** and dermatitis.  
Upon prolonged or repeated exposure, harmful if absorbed through the skin. May cause minor systemic damage.

**Ingestion:** Overexposure to lead compounds may cause neurological, kidney and reproductive effects and anemia. May be fatal or cause blindness if swallowed.

#### **IV. FIRST-AID MEASURES**

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**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. If breathing stops or shows signs of failing, give artificial respiration

**Eyes:** Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

**Skin Contact:** Wash with soap and water. Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately from other articles before reuse.

**Ingestion:** If swallowed, have a trained medical professional induce vomiting immediately. Never give anything by mouth to an unconscious person.

#### **V. FIRE FIGHTING MEASURES**

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**Flammability Summary:** Non-Flammable

**Extinguishing Media:** Foam, carbon dioxide (CO<sub>2</sub>) dry chemical or water fog spray. Steams of water are not ordinarily effective. Solid hose streams tend to scatter liquid and spread the fire. Water foams, water foam nozzles cool the burning surface and exclude air.

**Fire Fighting Instructions:** Keep containers tightly closed, isolate from heat, sparks and open flame. Closed containers may explode when exposed to extreme heat. In a test "Evaluation of the Fire Hazard of Water Borne Coatings" (Factory Mutual Research Corporation Scientific Circular 804 December 1977) for water-borne coatings, "Represented not fire hazard". It was also concluded that results from laboratory (flash point) tests are not a representative indication of the fire hazard of water-borne coatings".

<b>Flash Point:</b>	> 200 Deg. F. TCC			
<b>Component Parameters:</b>	Flashpoint TCC deg F	Autoignition Temp deg F	UEL % in air	LEL % in air
METHYL ALCOHOL	54	725.000	36.0	6.0
TEXANOL	248	740.000	0.6	4.2

#### **VI. ACCIDENTAL RELEASE MEASURES**

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**Small Spill/Large Spill:** Collect in retaining area or container. Then transfer to a closed container. Avoid exposure to heat, sparks, fire or open flame. Avoid hot metal surfaces.

#### **VII. HANDLING AND STORAGE**

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**Handling/Storage:** Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. All five-gallon pails and larger metal containers, including tank cars and tank trucks, should be grounded and/or bonded

when material is transferred. Emergency eyewash fountains and safety showers should be available in the immediate vicinity of potential exposure.

**KEEP FROM FREEZING**

**VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Measures:** Provide sufficient general end/or local exhaust ventilation to maintain exposure below TLV(s).

**Respiratory Protection:** If workplace exposure limit(s) of product or any component is exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.

**Eye Protection:** Wear safety glasses when handling this product.

**Skin Protection:** Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Use impervious gloves and clothing.

**Gloves:** Chemically resistant gloves

**Control Parameters:**

<b>Chemical Name</b>	<b>ACGIH TLV-TWA ppm</b>	<b>ACGIH STEL ppm</b>	<b>IDLH ppm</b>
LEAD CPDS (AS PB)	.05 mg/m3	.05 mg/m3	
METHYL ALCOHOL	200	250	0
CHROME COMPOUNDS (AS CR03)	.1 mg/mg	.1 mg/m3	
TEXANOL	NE	NE	

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Heavy Yellow Liquid

**Bulk Density:** 13.00 lbs/gal

**Volatiles, by weight:** 30.6%

**Volatiles, by volume:** 48.8%

<b><u>Component Properties:</u></b>	<b>VP mmHg</b>	<b>@ deg F</b>	<b>Vapor Density (1 = air)</b>	<b>Evaporation Rate (1 = n-butyl acetate)</b>	<b>BP F at 1 atm</b>
METHYL ALCOHOL	47.300	77	1.110	5.90	149
TEXANOL	1.000	189	7.45	0.00	471

**X. STABILITY AND REACTIVITY**

**Stability/Reactivity:** Stable under normal conditions.

**Conditions to Avoid:** Sparks, open flame, other ignition sources, and elevated temperatures. Avoid all sources of ignition.

**Chemical Incompatibility:** Acetaldehydes Strong acids Oxidizing materials

**XI. TOXICOLOGICAL INFORMATION**

No data

**XII. ECOLOGICAL INFORMATION**

No data

72Y-A038

### **XIII. DISPOSAL CONSIDERATIONS**

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**Disposal Methods:** Dispose of in accordance with all applicable local, state and federal regulations.

### **XIV. TRANSPORTATION INFORMATION**

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**DOT Basic Description:** Paint, Latex  
**Hazard Class:** Non-Hazardous  
**UN Number:** Non-Regulated

### **XV. REGULATORY INFORMATION**

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**TSCA Status:** A component or components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

<b>Chemical Name</b>	<b>CAS #</b>	<b>Regulation</b>
Methanol	67-56-1	CERCLA
Lead Compounds (AS PB)	NONE	SARA 312
Methanol	67-56-1	SARA 312
Chrome Compounds (AS CR03)	NONE	SARA 312
Lead Compounds (AS PB)	NONE	SARA 313
Methanol	67-56-1	SARA 313
Chrome Compounds (AS CR03)	NONE	SARA 313
Methanol	67-56-1	CAA HAP
Lead Compounds (AS PB)	NONE	CA Prop65-WARNING! This component is known to the State of California to cause cancer.
Chrome Compounds (AS CR03)	NONE	CA Prop65-WARNING! This component is known to the State of California to cause cancer.
Methanol	67-56-1	PA Regulated Mat'l
Methanol	67-56-1	MA Right-to Know
Methanol	67-56-1	NJ Regulated Mat'l

### **XVI. ADDITIONAL INFORMATION**

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**Disclaimer:** THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET (MSDS) IS TO THE BEST OF OUR KNOWLEDGE TRUE AND ACCURATE, BUT IS OFFERED WITHOUT WARRANTY, EXPRESS OR IMPLIED. CONDITIONS OF USE ARE BEYOND OUR CONTROL. NEITHER AEXCEL CORPORATION NOR ITS AGENTS SHALL BE LIABLE FOR ANY DIRECT OR CONSEQUENTIAL INJURY, LOSS, OR DAMAGE ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT DESCRIBED HEREIN. NO PERSON IS AUTHORIZED TO MAKE ANY STATEMENT OR RECOMMENDATION NOT CONTAINED IN THIS MSDS. ANY SUCH STATEMENT OR RECOMMENDATION IF MADE SHALL NOT BIND THE CORPORATION.



# Material Safety Data Sheet

**24 Hour Emergency:**  
**CHEMTREC: 1-800-424-9300**

**Outside U.S. and Canada**  
**Chemtrec: 202-483-7616**

NOTE: CHEMTREC, CANUTEC and National  
Response Center emergency numbers to be used only  
in the event of chemical emergencies involving a spill,  
leak, fire, exposure or accident involving chemicals

## Section 1 - Chemical Product / Company Information

Product Name:	BLUE FAST DRY WATERBORNE TRAFFIC SAFETY PAINT	Revision	01/18/2007
Identification Number:	72L-A002	Date:	
Product Use/Class:	55	Supercedes :	01/18/2007
Supplier:	Aexcel Corporation 7373 Production Drive Mentor, OH 44060	Manufacturer:	Aexcel Corporation 7373 Production Drive Mentor, OH 44060
Preparer:	Webb, Lorie		

## Section 2 - Composition / Information On Ingredients

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Wt. %</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH TLV-STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
METHANOL	67-56-1	2.	200	250	200	

## Section 3 - Hazards Identification

**Emergency Overview:** Skin and eye irritant.

Effects Of Overexposure - Eye Contact: Mist and vapors may cause eye irritation.

Effects Of Overexposure - Skin Contact: Direct skin contact may cause moderate to severe irritation and possibly dermatitis.

Effects Of Overexposure - Inhalation: Inhalation may cause intense irritation to the respiratory tract (nose, mouth, mucous membranes).

Effects Of Overexposure - Ingestion: Harmful: possible risk of irreversible effects if swallowed. May be fatal or cause blindness.

Effects Of Overexposure - Chronic Hazards: Danger of very serious irreversible effects. Ingestion may be fatal or cause blindness.

Primary Route(s) Of Entry: Skin Contact, Inhalation, Ingestion, Eye Contact

## Section 4 - First Aid Measures

First Aid - Eye Contact: Flush eye(s) immediately with plenty of water. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

First Aid - Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Wash off with soap and water.

First Aid - Inhalation: Move to fresh air. Oxygen or artificial respiration if needed.

First Aid - Ingestion: Induce vomiting immediately and call a physician.

## Section 5 - Fire Fighting Measures

Flash Point, F: > 200 TCC

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam

Unusual Fire And Explosion Hazards: Remove all sources of ignition.

Special Firefighting Procedures: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

<u>Chemical Name</u>	<u>LEL</u>	<u>UEL</u>	<u>FLASH POINT F. DEG</u>	<u>AUTO-IGNITION TEMP. F DEG</u>
METHANOL	6.00	36.00	54	725

## Section 6 – Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Sweep up and shovel into suitable containers for disposal. Soak up with inert absorbent material.

## Section 7 - Handling And Storage

Handling: Keep away from open flames, hot surfaces and sources of ignition. Keep away from food and drink. Containers of this material may be hazardous when emptied. Do not re-use empty containers. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. All metal parts of the mixing and processing equipment must be grounded.

Storage: Harmful - Store away from foodstuffs.

## Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

Respiratory Protection: In the case of respirable dust and/or fumes, use self-contained breathing apparatus.

Skin Protection: Impervious gloves.

Eye Protection: Safety glasses with side-shields.

Other protective equipment: Impervious clothing.

Hygienic Practices: General industrial hygiene practice.

## Section 9 - Physical And Chemical Properties

Odor: Characteristic  
 Appearance: Heavy Blue Liquid  
 Specific Gravity: 1.528  
 Physical State: Liquid

(See section 16 for abbreviation legend)

<u>CHEMICAL NAME</u>	<u>VAPOR DENSITY</u>	<u>EVAPORATION RATE</u>	<u>BOILING POINT</u>	<u>VP mmHg</u>	<u>at DEG. F</u>
METHANOL	1.11	5.2	149	47.3	77

## Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid heat, sparks, open flame and other ignition sources.

Incompatibility: Incompatible with strong acids and oxidizing agents.

Hazardous Decomposition Products: No decomposition if stored and applied as directed.

Hazardous Polymerization: Will not occur.

Stability: Stable under normal conditions.

## Section 11 - Toxicological Information

No Data.

## Section 12 - Ecological Information

Ecological Information: Do not allow material to contaminate ground water system.

## Section 13 - Disposal Information

Disposal Information: Dispose of in accordance with all local, state and federal regulations.

## Section 14 - Transportation Information

DOT Proper Shipping Name: Paint, Latex  
 DOT Hazard Class: Non-Hazardous  
 DOT UN/NA Number: Non-Regulated

## Section 15 - Regulatory Information

**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:

**SARA Section 312:**

Chemical Name  
METHANOL

CAS Number  
67-56-1

**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:

Chemical Name  
METHANOL

CAS Number  
67-56-1

**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:

None

**U.S. State Regulations: As follows –**

**California Proposition 65:**

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

None

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

None

**International Regulations: As follows –**

**CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**CANADIAN WHMIS CLASS:**

**Section 16 - Other Information**

**HMIS Ratings:**

Health: 1                      Flammability: 3                      Reactivity: 0                      Personal Protection:

**VOLATILE ORGANIC COMPOUNDS, GR/LTR: 96.28**

**REASON FOR REVISION:**

**Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.