



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 REGULAR-DRY WATERBORNE TRAFFIC MARKING PAINT	Revision	08/27/2007
Identification Number:	72W-A036	Date:	08/27/2007
Product Use/Class:	55	Supercedes :	08/27/2007
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	1.	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, 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 White Liquid
 Specific Gravity: 1.479
 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: 1 Reactivity: 0 Personal Protection:

VOLATILE ORGANIC COMPOUNDS, GR/LTR: 99.43

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-A021
Product Code: 72Y-A021
Description: Yellow Regular-Dry Waterborne Traffic Marking Paint
Manufacturer: Aexcel Corporation
 7373 Production Drive
 Mentor, OH 44061
Phone Numbers: Information :440-974-3800
 Emergency/CHEMTREC: 800-424-9300
MSDS Rev No./Date: 2 2005-05-10 09:53:04

II. COMPOSITION/INFORMATION ON POTENTIALLY HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Wt %	OSHA Permissible Exposure Limits (PEL)	
			STEL	TWA
LEAD CPDS (AS PB)	NONE	4.93	N.E.	.05 mg/m3 (as Pb)
METHYL ALCOHOL	67-56-1	2.7	250 PPM (SKIN)	200 PPM (SKIN)
CHROME COMPOUNDS (AS CR03)	NONE	2.33	N.E.	0.1 mg/m3 (as Cro3) ceiling

III. HAZARDS IDENTIFICATION

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

Health	Flammability	Reactivity
3*	1	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: Harmful if inhaled.
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 cause slight irritation.
Ingestion Irritation: Overexposure to lead compounds may cause neurological, kidney and reproductive effects and anemia. Swallowing is harmful, may cause blindness.

Long-Term (Chronic) Health Effects:

Carcinogenicity: See Section XV
Reproductive/Developmental: Contains a substance(s) that is a possible reproductive system hazard based on high dose tests with laboratory animals.
Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
Inhalation: Harmful if inhaled.
Skin Contact: Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.
Ingestion: Overexposure to lead compounds may cause neurological, kidney and reproductive effects and anemia. Swallowing is harmful, may cause blindness.

IV. FIRST-AID MEASURES

Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
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. If clothing comes in contact with the product, the clothing should be laundered before re-use.
Ingestion:	If swallowed, have a trained medical professional induce vomiting immediately. Never give anything by mouth to an unconscious person.

V. FIRE FIGHTING MEASURES

Flammability Summary:	Flammable
Extinguishing Media:	Foam, carbon dioxide (CO2) 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".
Haz Combustion Products:	

Flash Point:	> 200 Deg. F. TCC			
Component Parameters:	Flashpoint TCC deg F	Autoignition Temp deg F	UEL % in air	LEL % in air
METHYL ALCOHOL	54	725.00000	36.0	6.0

VI. ACCIDENTAL RELEASE MEASURES

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

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: No special requirements under normal industrial use.

Skin Protection: Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Use impervious gloves.

Gloves: Chemically resistant gloves

Control Parameters:

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

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Heavy Yellow Liquid				
Bulk Density:	12.03 lbs/gal				
Volatiles, by weight:	41.5%				
Volatiles, by volume:	61.0%				
<u>Component Properties:</u>	VP mmHg	@ deg F	Vapor Density (1 = air)	Evaporation Rate (1 = n-butyl acetate)	BP F at 1 atm
METHYL ALCOHOL	47.3	77	1.110	2.100	149

X. STABILITY AND REACTIVITY

Stability/Reactivity: Stable under normal conditions.

Conditions to Avoid: Avoid sparks, open flame, other ignition sources and elevated temperatures.

Chemical Incompatibility: Acetaldehydes Strong acids

XI. TOXICOLOGICAL INFORMATION

No data

XII. ECOLOGICAL INFORMATION

No data

XIII. DISPOSAL CONSIDERATIONS

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

XIV. TRANSPORTATION INFORMATION

DOT Basic Description: Paint, Latex

Hazard Class: Non-hazardous

UN Number: Non-regulated

XV. REGULATORY INFORMATION

TSCA Status:

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

Chemical Name	CAS #	Regulation
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 CompounddsS 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
Methanoll	67-56-1	NJ Regulated Mat'l

XVI. ADDITIONAL INFORMATION

Disclaimer:

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