

MATERIAL SAFETY DATA SHEET

A300
39 00

DATE OF PREPARATION
Apr 5, 2010

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

A300

PRODUCT NAME

SETFAST® Zone Marking Paint (Premium Alkyd), White

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 Prospect Avenue N.W.

Cleveland, OH 44115

Telephone Numbers and Websites

Product Information	www.sherwin-williams.com
Regulatory Information	(216) 566-2902 www.paintdocs.com
Medical Emergency	(216) 566-2917
Transportation Emergency*	(800) 424-9300

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

% by Weight	CAS Number	Ingredient	Units	Vapor Pressure
11	64742-89-8	Lt. Aliphatic Hydrocarbon Solvent		
		ACGIH TLV	100 PPM	
		OSHA PEL	100 PPM	53 mm
9	64742-89-8	V. M. & P. Naphtha		
		ACGIH TLV	300 PPM	
		OSHA PEL	300 PPM	12 mm
		OSHA PEL	400 PPM STEL	
5	108-88-3	Toluene		
		ACGIH TLV	20 PPM	
		OSHA PEL	100 ppm (Skin)	22 mm
		OSHA PEL	150 ppm (Skin) STEL	
0.2	100-41-4	Ethylbenzene		
		ACGIH TLV	100 PPM	
		ACGIH TLV	125 PPM STEL	7.1 mm
		OSHA PEL	100 PPM	
		OSHA PEL	125 PPM STEL	
1	1330-20-7	Xylene		
		ACGIH TLV	100 PPM	
		ACGIH TLV	150 PPM STEL	5.9 mm
		OSHA PEL	100 PPM	
		OSHA PEL	150 PPM STEL	
16	471-34-1	Calcium Carbonate		
		ACGIH TLV	10 mg/m3 as Dust	
		OSHA PEL	15 mg/m3 Total Dust	
		OSHA PEL	5 mg/m3 Respirable Fraction	
8	13463-67-7	Titanium Dioxide		
		ACGIH TLV	10 mg/m3 as Dust	
		OSHA PEL	10 mg/m3 Total Dust	
		OSHA PEL	5 mg/m3 Respirable Fraction	

SECTION 3 — HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

HMIS Codes

Health	2*
Flammability	3
Reactivity	0

EFFECTS OF OVEREXPOSURE**EYES:** Irritation.**SKIN:** Prolonged or repeated exposure may cause irritation.**INHALATION:** Irritation of the upper respiratory system.

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

Prolonged overexposure to hazardous ingredients in Section 2 may cause adverse chronic effects to the following organs or systems:

- the liver
- the urinary system
- the cardiovascular system
- the reproductive system

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

SECTION 4 — FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area thoroughly with soap and water.

Remove contaminated clothing and laundry before re-use.

INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

INGESTION: Do not induce vomiting. Get medical attention immediately.

SECTION 5 — FIRE FIGHTING MEASURES**FLASH POINT**

16 °F PMCC

LEL

0.9

UEL

7.1

FLAMMABILITY CLASSIFICATION

RED LABEL -- Extremely Flammable, Flash below 21 °F (-6 °C)

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode when exposed to extreme heat.

Application to hot surfaces requires special precautions.

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

SECTION 6 — ACCIDENTAL RELEASE MEASURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

- Remove all sources of ignition. Ventilate the area.
- Remove with inert absorbent.

SECTION 7 — HANDLING AND STORAGE**STORAGE CATEGORY**

DOL Storage Class IB

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Contents are **EXTREMELY FLAMMABLE**. Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION**PRECAUTIONS TO BE TAKEN IN USE**

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	11.64 lb/gal	1394 g/l
SPECIFIC GRAVITY	1.40	
BOILING POINT	200 - 325 °F	93 - 162 °C
MELTING POINT	Not Available	
VOLATILE VOLUME	49%	
EVAPORATION RATE	Slower than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)		
	3.15 lb/gal 378 g/l	Less Water and Federally Exempt Solvents
	3.15 lb/gal 378 g/l	Emitted VOC

SECTION 10 — STABILITY AND REACTIVITY

STABILITY — Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

TOXICOLOGY DATA

CAS No.	Ingredient Name			
64742-89-8	Lt. Aliphatic Hydrocarbon Solvent	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available
64742-89-8	V. M. & P. Naphtha	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available
108-88-3	Toluene	LC50 RAT	4HR	4000 ppm
		LD50 RAT		5000 mg/kg
100-41-4	Ethylbenzene	LC50 RAT	4HR	Not Available
		LD50 RAT		3500 mg/kg
1330-20-7	Xylene	LC50 RAT	4HR	5000 ppm
		LD50 RAT		4300 mg/kg
471-34-1	Calcium Carbonate	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available
13463-67-7	Titanium Dioxide	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available

SECTION 12 — ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

No data available.

SECTION 13 — DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14 — TRANSPORT INFORMATION

US Ground (DOT)

1 Gallon and Less may be Classed as CONSUMER COMMODITY, ORM-D

Larger Containers are Regulated as:

UN1263, PAINT, 3, PG II, (ERG#128)

DOT (Dept of Transportation) Hazardous Substances & Reportable Quantities

Toluene 1000 lb RQ

Xylenes (isomers and mixture) 100 lb RQ

Bulk Containers may be Shipped as (check reportable quantities):

UN1263, PAINT, 3, PG II, (ERG#128)

Canada (TDG)

UN1263, PAINT, CLASS 3, PG II, (ERG#128)

IMO

UN1263, PAINT, CLASS 3, PG II, (-9 C c.c.), EmS F-E, S-E, ADR (D/E)

SECTION 15 — REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
108-88-3	Toluene	5	
100-41-4	Ethylbenzene	0.1	
1330-20-7	Xylene	1	

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 — OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

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)	
LEAD CPDS (AS PB)	NONE	3.67	STEL	TWA
METHYL ALCOHOL	67-56-1	2.23	N.E.	.05 mg/m3 (as Pb)
CHROME COMPOUNDS (AS CR03)	NONE	1.73	250 PPM (SKIN)	200 PPM (SKIN)
TEXANOL	25265-77-4	1.23	N.E.	0.1 mg/m3 (as Cro3) ceiling N.E.

III. HAZARDS IDENTIFICATION

HMIS Safety Ratings

(0 - 4, 4 = severe hazard)

Health
3*

Flammability
0

Reactivity
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,

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and dermatitis.
Skin Absorption: 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

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

Flammability Summary: Non-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".

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	725.000	36.0	6.0
TEXANOL	248	740.000	0.6	4.2

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:	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:

Chemical Name	ACGIH TLV-TWA ppm	ACGIH STEL ppm	IDLH ppm
LEAD CPDS (AS PB)	.05 mg/m ³	.05 mg/m ³	
METHYL ALCOHOL	200	250	0
CHROME COMPOUNDS (AS CR03)	.1 mg/mg	.1 mg/m ³	
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%

Component Properties:	VP mmHg	@ deg F	Vapor Density (1 = air)	Evaporation Rate (1 = n-butyl acetate)	BP F at 1 atm
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

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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 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

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: BLACK FAST DRY ACRYLIC WATER
REDUCIBLE TRAFFIC MARKING PAINT
1952D
Identification Number: 72A-A016
Product Use/Class: 55
Supplier: Aexcel Corporation
7373 Production Drive
Mentor, OH 44060
Preparer: Webb, Lorie

Revision
Date: 04/15/2010

Supersedes : 04/02/2008

Manufacturer: Aexcel Corporation
7373 Production Drive
Mentor, OH 44060

Section 2 - Composition / Information On Ingredients

CI ML	Name .OL	CAS No. 67-56-1	Wt. % 2	ACGIH TLV-TWA 200	ACGIH TLV-STEL 250	OSHA PEL-TWA 200	OSHA PEL-CEILING
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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 Deg. TCC

Extinguishing Media: 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.</u> <u>DEG</u>	<u>AUTO-IGNITION</u> <u>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 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.

Section 9 - Physical And Chemical Properties

Color: Characteristic
Appearance: Heavy Black Liquid
Specific Gravity: 1.512
Physical State: Liquid

(See section 16 for abbreviation legend)

CHEMICAL NAME	VAPOR DENSITY	EVAPORATION RATE	BOILING POINT	VP mmHg	at DEG. F
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:

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:

Hazard: 1

Flammability: 3

Reactivity: 0

Personal Protection:

REASON FOR REVISION:

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

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

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: RED LEAD-FREE CHLORINATED RUBBER
TRAFFIC MARKING PAINT
Identification Number: 12R-D053
Product Use/Class: 55
Supplier: Aexcel Corporation
7373 Production Drive
Mentor, OH 44060
Preparer: Webb, Lorie

Revision
Date: 07/21/2006
Supercedes: 07/21/2006

Manufacturer: Aexcel Corporation
7373 Production Drive
Mentor, OH 44060

Section 2 - Composition / Information On Ingredients

Chemical Name	CAS Number	Weight %	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING
TOLUENE	108-88-3	18	50	150	100	
AROMATIC PETROLEUM DISTILLATES	64742-89-8	6	300	400	300	
XYLENE (100%)	1330-20-7	1	100	150		

Section 3 - Hazards Identification

Emergency Overview: Flammable liquid and vapor.

Effects Of Overexposure - Eye Contact: Mild eye irritation. Direct eye contact may cause irritation.

Effects Of Overexposure - Skin Contact: Direct skin contact may cause irritation. Skin irritant.

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

Effects Of Overexposure - Ingestion: Harmful: may cause lung damage if swallowed.

Effects Of Overexposure - Chronic Hazards: Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

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

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Section 4 - First Aid Measures

First Aid - Eye Contact: Flush eye(s) immediately with plenty of water. Rinse with plenty of water.

First Aid - Skin Contact: Wash off with soap and water.

First Aid - Inhalation: Move to fresh air.

First Aid - Ingestion: Call a physician or Poison Control Center immediately.

Section 5 - Fire Fighting Measures

Flash Point, F: 45
(TCC)

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam

Unusual Fire And Explosion Hazards: Remove all sources of ignition. May be ignited by open flame. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Vapors are heavier than air and may spread along floors.

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

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Soak up with inert absorbent material and dispose of as hazardous waste.

Section 7 - Handling And Storage

Handling: Containers of this material may be hazardous when emptied. Hazardous fumes can also occur in post-processing operations. Handle in accordance with good industrial hygiene and safety practice. 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. Ensure adequate ventilation.

Respiratory Protection: In the case of respirable dust and/or fumes, use self-contained breathing apparatus. In case of insufficient ventilation, wear suitable respiratory equipment.

Skin Protection: Impervious gloves.

Eye Protection: Safety glasses with side-shields.

Other protective equipment: Impervious clothing.

Hygienic Practices: It is good practice in industrial hygiene to avoid contact with solvents by using appropriate protective

measures whenever possible.

Section 9 - Physical And Chemical Properties

Color:	Characteristic
Appearance:	Heavy Red Liquid
Specific Gravity:	1.508
Physical State:	Liquid

(See section 16 for abbreviation legend)

Section 10 - Stability And Reactivity

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

Incompatibility: Keep away from strong oxidizing agents, heat and open flames.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide

Hazardous Polymerization: Will not occur.

Stability: Stable under normal conditions.

Section 11 - Toxicological Information

None.

Section 12 - Ecological Information

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

Section 13 - Disposal Information

Disposal Information: Contact waste disposal services. Do not flush into surface water or sanitary sewer system.

Section 14 - Transportation Information

DOT Proper Shipping Name:	Paint, Flammable Liquid	Packing Group:	II
DOT Hazard Class:	3		
DOT UN/NA Number:	1263		

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

TOLUENE
AROMATIC PETROLEUM DISTILLATES
XYLENE (100%)

CAS Number

108-88-3
64742-89-8
1330-20-7

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

TOLUENE
XYLENE (100%)

CAS Number

108-88-3
1330-20-7

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:

Chemical Name
BENZENE

CAS Number
100-41-4

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

Chemical Name
TOLUENE

CAS Number
108-88-3

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: 2

Flammability: 3

Reactivity: 0

Personal Protection:

VE TILE ORGANIC COMPOUNDS, GR/LTR: 405.73

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.