

# Safety Data Sheet



according to OSHA Hazard Communication  
29 CFR Part 1910.1200

## Section 1. Identification

**Product Information:** 12W-D310

**Product Name:** WHITE LOW VOC MODIFIED ALKYD TRAFFIC MARKING PAINT

**Recommended Use:** Liquid Paint

**Application Method:** See Product Data Sheet

**Supplied by:** Aexcel Corporation  
7373 Production Drive.  
Mentor, OH 44060

**Emergency Telephone:** Chemtrec: 800-424-9300

**Safety Data Sheet Coordinator:** IWebb@AexcelCorp.com

## Section 2. Hazard(s) identification

**EMERGENCY OVERVIEW:** Flammable liquid and vapor.

### GHS Classification

Eye Irrit. 2B, Flam. Liq. 2, Repr. 1A, STOT SE 3 NE, STOT SE 3 RTI

### Symbol(s) of Product



### Signal Word

Danger

### Possible Hazards

28% of the mixture consists of ingredients of unknown acute toxicity

### GHS HAZARD STATEMENTS

Eye Irritation, category 2B	H320	Causes eye irritation.
Flammable Liquid, category 2	H225	Highly flammable liquid and vapour.
Reproductive Toxicity, category 1A	H360	May damage fertility or the unborn child.
STOT, single exposure, category 3, NE	H336	May cause drowsiness or dizziness.
STOT, single exposure, category 3, RTI	H335	May cause respiratory irritation.

### GHS LABEL PRECAUTIONARY STATEMENTS

P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER/doctor if you feel unwell.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use dry chemical, carbon dioxide, or foam to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local rules and regulations.

**GHS SDS PRECAUTIONARY STATEMENTS**

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.

**Section 3. Composition/Information on ingredients**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
ACETONE	67-64-1	10-25	GHS07	H320-335-336
TITANIUM DIOXIDE	13463-67-7	2.5-10	GHS06-GHS08	H331-361
ALIPHATIC PETROLEUM DISTILATES	8032-32-4	1.0-2.5	GHS02-GHS07-GHS08	H225-304-315-320-332-336
ETHYL BENZENE	100-41-4	0.1-1.0	GHS02-GHS07-GHS08	H225-320-332-351-372

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

**Section 4. First-aid measures**

**FIRST AID - INHALATION:** Move to fresh air. Oxygen or artificial respiration if needed.

**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 - EYE CONTACT:** Flush eye(s) immediately with plenty of water. Rinse with plenty of water.

**FIRST AID - INGESTION:** Call a physician or Poison Control Center immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

**Section 5. Fire-fighting measures**

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** May be ignited by open flame. Remove all sources of ignition. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Please refer to guidance NFPA 77, Recommended Practice on Static Electricity (2007); API Recommended Practice 2003, Protection Against Ignitions Arising Out of Static, Lightning, And Stray Currents (2008). 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.

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

## 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. All metal parts of the mixing and processing equipment must be grounded. Handle in accordance with good industrial hygiene and safety practice. Hazardous fumes can also occur in post-processing operations.

**STORAGE:** Harmful - Store away from foodstuffs. Keep containers tightly closed. Keep in a well-ventilated place. Keep locked-up. For Industrial Use Only

## Section 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>
ACETONE	500	750	1000	NE
TITANIUM DIOXIDE	N.E.	N.E.	N.E.	N.E.
ALIPHATIC PETROLEUM DISTILATES	300	400	300	NE
ETHYL BENZENE	100	125	100	NE

**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:** In case of insufficient ventilation, wear suitable respiratory equipment. 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:** Contaminated work clothing should not be allowed out of the workplace. General industrial hygiene practice. 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

<b>Boiling Range:</b>	133 - 485	<b>Vapor Density:</b>	3.80
<b>Odor:</b>	Characteristic	<b>Odor Threshold:</b>	NE
<b>Appearance:</b>	Heavy Liquid	<b>Evaporation Rate:</b>	14.40
<b>Solubility in Water:</b>	NE	<b>Specific Gravity:</b>	1.515
<b>Freeze Point:</b>	NE	<b>pH:</b>	NE
<b>Vapor Pressure:</b>	226.00	<b>Viscosity:</b>	NE
<b>Physical State:</b>	Liquid	<b>Flash Point, °C:</b>	-17, °F 1.4

(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>
ACETONE	2.00	14.40	133	226.00	68
TITANIUM DIOXIDE	NE	NE	0	NE	NE
ALIPHATIC PETROLEUM DISTILATES	3.80	2.00	240	10.20	68
ETHYL BENZENE	3.70	0.70	279	7.00	68

## Section 10. Stability and reactivity

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Avoid contact with skin, eyes and clothing.

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

**HAZARDOUS DECOMPOSITION PRODUCTS:** No decomposition if used as directed.

## Section 11. Toxicological information



### Practical Experiences

**EFFECT OF OVEREXPOSURE - INHALATION:** Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** Direct skin contact may cause irritation. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

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

**EFFECT OF OVEREXPOSURE - INGESTION:** Harmful: may cause lung damage if swallowed.

**CARCINOGENICITY:** No Information

### 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>Name according to EEC</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
67-64-1	ACETONE	N.I.	N.I.	N.I.
13463-67-7	TITANIUM DIOXIDE	10000	10000	6.80
8032-32-4	ALIPHATIC PETROLEUM DISTILATES	N.I.	N.I.	N.I.
100-41-4	ETHYL BENZENE	3500	17800	N.I.

N.I. - No Information

## Section 12. Ecological information

**ECOLOGICAL INFORMATION:** Do not contaminate ponds, waterways or ditches with chemical or used container.

## Section 13. Disposal considerations



Product

**DISPOSAL METHOD:** Contact waste disposal services. Dispose of in accordance with all local, state and federal regulations.

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Soak up with inert absorbent material and dispose of as hazardous waste.

## Section 14. Transport information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

**DOT Proper Shipping** Paint, Flammable Liquid

**DOT Technical Name:** Paint

**DOT Hazard Class:** 3

**DOT UN/NA Number:** 1263

**Packing Group:** II

**Hazard SubClass:** No Information

**Resp. Guide Page:** 128

## Section 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:

Flammable (gases, aerosols, liquids, or solids), Reproductive toxicity, Specific target organ toxicity (single or repeated exposure)

#### SARA SECTION 312:

<u>Chemical Name</u>	<u>CAS-No.</u>
ACETONE	67-64-1
ALIPHATIC PETROLEUM DISTILATES	8032-32-4
ETHYL BENZENE	100-41-4

#### 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>
m-XYLENE	108-38-3
METHANOL	67-56-1
p-XYLENE	106-42-3
ETHYL BENZENE	100-41-4
o-XYLENE	95-47-6
CUMENE	98-82-8
TOLUENE	108-88-3
BUTYL CARBITOL (DB)	112-34-5

#### TOXIC SUBSTANCES CONTROL ACT:

All components of this material are listed on the US Toxic Substance Control Act (TSCA inventory).

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

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
CALCIUM CARBONATE	1317-65-3
BUTYL METHACRYLATE COPOLYMER	28262-63-7

**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
BUTYL METHACRYLATE COPOLYMER	28262-63-7
PURE DRYING MED OIL	

**CALIFORNIA PROPOSITION 65 CARCINOGENS****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
ETHYL BENZENE	100-41-4
CUMENE	98-82-8

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

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
TOLUENE	108-88-3

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

All components of this material are listed on the Domestic Substance List.

**WHMIS Class:** No Information

## Section 16. Other information, including date of preparation of the last revision

**Revision Date:** 1/13/2021 **Supersedes Date:** 8/12/2020

**Reason for revision:** Substance and/or Product Properties Changed in Section(s):  
 01 - Product Information  
 02 - Hazards Identification  
 05 - Flammability Information  
 08 - Exposure Controls/Personal Protection  
 09 - Physical & Chemical Information  
 11 - Toxicological Information  
 Substance Hazard Threshold % Changed  
 Substance Hazardous Flag Changed

**Datasheet produced by:** Regulatory Department

### HMIS Ratings:

<b>Health:</b>	2	<b>Flammability:</b>	3	<b>Reactivity:</b>	0	<b>Personal Protection:</b>	X
----------------	---	----------------------	---	--------------------	---	-----------------------------	---

**Volatile Organic Compounds, gr/ltr:** 94

### Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H225 Highly flammable liquid and vapour.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H320 Causes eye irritation.  
 H331 Toxic if inhaled.  
 H332 Harmful if inhaled.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.  
 H351 Suspected of causing cancer.  
 H361 Suspected of damaging fertility or the unborn child.  
 H372 Causes damage to organs through prolonged or repeated exposure.

### Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS02



GHS06



GHS07



GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

No Information

