

# Safety Data Sheet

according to OSHA Hazard Communication  
29 CFR Part 1910.1200



## Section 1. Identification

|                                       |  |
|---------------------------------------|--|
| <b>Product Information:</b>           | 12W-D310   |
| <b>Product Name:</b>                  | WHITE LOW VOC MODIFIED ACRYLIC TRAFFIC MARKING PAINT             |
| <b>Recommended Use:</b>               | Liquid Paint   |
| <b>Application Method:</b>            | See Product Data Sheet   |
| <b>Supplied by:</b>                   | Aexcel Corporation<br>7373 Production Drive.<br>Mentor, OH 44060 |
| <b>Emergency Telephone:</b>           | Chemtrec: 800-424-9300   |
| <b>Safety Data Sheet Coordinator:</b> | mmann@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

23% 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        | GHS02-GHS07           | H225-320-335-336         |
| ALIPHATIC PETROLEUM DISTILATES | 8032-32-4      | 1.0-2.5      | GHS02-GHS07-<br>GHS08 | H225-304-315-320-332-336 |

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                        | 250 ppm              | 500 ppm               | 1000 ppm            | NE                      |
| ALIPHATIC PETROLEUM DISTILATES | 300                  | 400                   | 300                 | 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 (F):</b>      | 132 - 536      | <b>Vapor Density:</b>    | 3.80        |
| <b>Odor:</b>                   | Characteristic | <b>Odor Threshold:</b>   | NE          |
| <b>Appearance:</b>             | Heavy Liquid   | <b>Evaporation Rate:</b> | 2.00        |
| <b>Solubility in Water:</b>    | NE             | <b>Specific Gravity:</b> | 1.511       |
| <b>Freeze Point:</b>           | NE             | <b>pH:</b>               | NE          |
| <b>Vapor Pressure (mm Hg):</b> | 180.80         | <b>Viscosity:</b>        | NE          |
| <b>Physical State:</b>         | Liquid         | <b>Flash Point, °C:</b>  | -17, °F 1.4 |

(See section 16 for abbreviation legend)

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

|                                   |      |      |     |        |    |
|-----------------------------------|------|------|-----|--------|----|
| ACETONE                           | NE   | NE   | 132 | 180.80 | 68 |
| ALIPHATIC PETROLEUM<br>DISTILATES | 3.80 | 2.00 | 240 | 10.20  | 68 |

## Section 10. Stability and reactivity

**STABILITY:** Stable under normal conditions. Stable if used as directed.

**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.              |
| 8032-32-4      | ALIPHATIC PETROLEUM DISTILATES | N.I.             | N.I.               | 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      |

#### 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> |
|----------------------|----------------|
| ACETONE              | 67-64-1        |
| XYLENE               | 1330-20-7      |
| METHANOL             | 67-56-1        |
| SOLIDS COBALT 12%    | 136-52-7       |
| CUMENE               | 98-82-8        |
| 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     |
| TITANIUM DIOXIDE             | 13463-67-7     |

#### 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     |
| TITANIUM DIOXIDE             | 13463-67-7     |
| 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     |
| DI-ISONONYL PHTHALATE | 28553-12-0     |
| 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        |

**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:** 4/17/2024 **Supersedes Date:** 1/13/2021

**Reason for revision:** Product Composition Changed  
 Substance Chemical Name Changed  
 Substance and/or Product Properties Changed in Section(s):  
 01 - Product Information  
 02 - Hazards Identification  
 08 - Exposure Controls/Personal Protection  
 09 - Physical & Chemical Information  
 15 - Regulatory Information  
 Substance CAS Number Changed  
 Substance Hazardous Flag Changed  
 Substance Hazard Threshold % Changed  
 Revision Statement(s) 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.                        |
| H332 | Harmful if inhaled.                           |
| H335 | May cause respiratory irritation.             |
| H336 | May cause drowsiness or dizziness.            |

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

GHS02



GHS07



GHS08



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

No Information