

# Safety Data Sheet

according to OSHA Hazard Communication  
29 CFR Part 1910.1200



## Section 1. Identification

|                                       |  |
|---------------------------------------|--|
| <b>Product Information:</b>           | 22W-E015   |
| <b>Product Name:</b>                  | TOUGHLINE® WHITE LOW VOC 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

Carc. 2, Flam. Liq. 2

### Symbol(s) of Product



### Signal Word

Danger

### Possible Hazards

34% of the mixture consists of ingredients of unknown acute toxicity

### GHS HAZARD STATEMENTS

|                              |      |                                     |
|------------------------------|------|-------------------------------------|
| Carcinogenicity, category 2  | H351 | Suspected of causing cancer.        |
| Flammable Liquid, category 2 | H225 | Highly flammable liquid and vapour. |

### 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.      |
| P233           | Keep container tightly closed.  |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                          |
| P281           | Use personal protective equipment as required.  |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P308+P313      | IF exposed or concerned: Get medical advice/attention.  |
| P370+P378      | In case of fire: Use dry chemical, carbon dioxide, or foam to extinguish.                           |
| 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>                         |
|------------------------------------|----------------|--------------|-----------------------|---|
| DIMETHYL CARBONATE/ DIMETHYL ESTER | 616-38-6       | 10-25        | GHS02                 | H225  |
| ACETONE                            | 67-64-1        | 2.5-10       | GHS02-GHS07           | H225-320-335-336                              |
| TOLUENE                            | 108-88-3       | 1.0-2.5      | GHS02-GHS07-<br>GHS08 | H225-304-315-336-361-373                      |
| XYLENE                             | 1330-20-7      | 1.0-2.5      | GHS02-GHS07-<br>GHS08 | H226-304-312-315-319-332-335-<br>-351-361-373 |

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 in case of accidental inhalation of vapors or decomposition products. Move to fresh air. Oxygen or artificial respiration if needed.

**FIRST AID - SKIN CONTACT:** If skin irritation persists, call a physician. Wash off immediately with plenty of water. Wash off immediately with soap and plenty of water. Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

**FIRST AID - EYE CONTACT:** Rinse with plenty of water.

**FIRST AID - INGESTION:** Call a physician or Poison Control Center immediately. Consult a physician. 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:** Remove all sources of ignition.

**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. Handle in accordance with good industrial hygiene and safety practice.

**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> |
|------------------------------------|----------------------|-----------------------|---------------------|-------------------------|
| DIMETHYL CARBONATE/ DIMETHYL ESTER | NE                   | NE                    | NE                  | NE                      |
| ACETONE                            | 250 ppm              | 500 ppm               | 1000 ppm            | NE                      |
| TOLUENE                            | 20 ppm               | 150 ppm               | 200 ppm             | 300 ppm                 |
| XYLENE                             | 100 ppm              | 150 ppm               | 100 ppm             | 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 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. Keep working clothes separately.

## Section 9. Physical and Chemical Properties

|                                |                |                          |             |
|--------------------------------|----------------|--------------------------|-------------|
| <b>Boiling Range (F):</b>      | 132 - 536      | <b>Vapor Density:</b>    | 3.10        |
| <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> | 1.364       |
| <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)

| <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> |
|---------------------------------------|----------------------|-------------------------|----------------------|----------------|------------------|
| DIMETHYL CARBONATE/<br>DIMETHYL ESTER | 3.10                 | NE                      | 195                  | 55.50          | 77               |
| ACETONE                               | NE                   | NE                      | 132                  | 180.80         | 68               |
| TOLUENE                               | 3.10                 | 2.00                    | 231                  | 21.00          | 68               |
| XYLENE                                | 0.87                 | NE                      | 279                  | 9.00           | 77               |

## 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:** Carbon Monoxide, Carbon Dioxide

## 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:** 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.

**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> |
|----------------|---------------------------------------|------------------|--------------------|-------------------|
| 616-38-6       | DIMETHYL CARBONATE/ DIMETHYL<br>ESTER | N.I.             | N.I.               | N.I.              |
| 67-64-1        | ACETONE                               | N.I.             | N.I.               | N.I.              |
| 108-88-3       | TOLUENE                               | 5580             | 12196              | 12500             |
| 1330-20-7      | XYLENE                                | 4300             | 2000               | 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

|                            |                         |                          |                |
|----------------------------|-------------------------|--------------------------|----------------|
| <b>DOT Proper Shipping</b> | Paint, Flammable Liquid | <b>Packing Group:</b>    | II             |
| <b>DOT Technical Name:</b> | Paint                   | <b>Hazard SubClass:</b>  | No Information |
| <b>DOT Hazard Class:</b>   | 3                       | <b>Resp. Guide Page:</b> | 128            |
| <b>DOT UN/NA Number:</b>   | 1263                    |                          |                |

## 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), Carcinogenicity

#### SARA SECTION 312:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| ACETONE              | 67-64-1        |
| TOLUENE              | 108-88-3       |
| XYLENE               | 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:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| ACETONE              | 67-64-1        |
| TOLUENE              | 108-88-3       |
| XYLENE               | 1330-20-7      |
| CUMENE               | 98-82-8        |

#### 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> |
|------------------------------|----------------|
| LIMESTONE                    | 1317-65-3      |
| BUTYL METHACRYLATE COPOLYMER |                |
| 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> |
|------------------------------|----------------|
| LIMESTONE                    | 1317-65-3      |
| BUTYL METHACRYLATE COPOLYMER |                |
| TITANIUM DIOXIDE             | 13463-67-7     |

#### 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> |
|----------------------|----------------|
| 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:** 4/10/2024 **Supersedes Date:** 1/27/2021

**Reason for revision:** Revision Description Changed  
 Product Composition 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 Chemical Name 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:** 96

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

|      |  |
|------|--|
| H225 | Highly flammable liquid and vapour.                                |
| H226 | Flammable liquid and vapour.                                       |
| H304 | May be fatal if swallowed and enters airways.                      |
| H312 | Harmful in contact with skin.                                      |
| H315 | Causes skin irritation.  |
| H319 | Causes serious eye irritation.                                     |
| H320 | Causes eye irritation.   |
| 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.               |
| H373 | May cause damage to organs through prolonged or repeated exposure. |

#### 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