Safety Data Sheet

according to OSHA Hazard Communication
29 CFR Part 1910.1200

Section 1. Identification

Product Information: 22R-D005
Product Name: RED LOW VOC. ACRYLIC TRAFFIC SAFETY PAINT
Recommended Use: Liquid Paint
Application Method: Liquid Surface Paint
Supplied by: Aexcel Corporation
7373 Production Drive.
Mentor, OH 44060
Emergency Telephone: Chemtrec: 800-424-9300
Safety Data Sheet Coordinator: lWebb@AexcelCorp.com

Section 2. Hazard(s) identification

EMERGENCY OVERVIEW: Flammable liquid and vapor.

GHS Classification
Carc. 2, Flam. Liq. 2, STOT SE 3 NE, STOT SE 3 RTI

Symbol(s) of Product

Signal Word
Danger

GHS ADDITIONAL INFORMATION
H362 Contains one or more Category 1 or Category 2 Reproductive Toxicants at greater than 0.1%. A Safety Data Sheet shall be available for the mixture upon request.

GHS HAZARD STATEMENTS
Flammable Liquid, category 2 H225 Highly flammable liquid and vapour.
STOT, single exposure, category 3, RTI H335 May cause respiratory irritation.
STOT, single exposure, category 3, NE H336 May cause drowsiness or dizziness.
Carcinogenicity, category 2 H351 Suspected of causing cancer.

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.
P271 Use only outdoors or in a well-ventilated area.
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.

P304+P340  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+P313  
IF exposed or concerned: Get medical advice/attention.

P312  
Call a POISON CENTER/doctor if you feel unwell.

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.

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Wt. %</th>
<th>GHS Symbols</th>
<th>GHS Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
<td>10-25</td>
<td>GHS02-GHS07</td>
<td>H225-320-335-336</td>
</tr>
<tr>
<td>AROMATIC PETROLEUM DISTILATES</td>
<td>64742-94-5</td>
<td>1.0-2.5</td>
<td>GHS07-GHS08</td>
<td>H227-304-336-351</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>1.0-2.5</td>
<td>GHS02-GHS07-GHS08</td>
<td>H225-304-315-319-336-361-373</td>
</tr>
<tr>
<td>METHANOL</td>
<td>67-56-1</td>
<td>0.1-1.0</td>
<td>GHS02-GHS06-GHS08</td>
<td>H225-301-311-319-331-360-370</td>
</tr>
</tbody>
</table>

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

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**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 soap and plenty of water. 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: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Rinse with plenty of water.

FIRST AID - INGESTION: Consult a physician. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

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**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

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**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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV-TWA</th>
<th>ACGIH-TLV STEL</th>
<th>OSHA PEL-TWA</th>
<th>OSHA PEL-CEILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>500</td>
<td>750</td>
<td>1000</td>
<td>NE</td>
</tr>
<tr>
<td>AROMATIC PETROLEUM DISTILATES</td>
<td>10</td>
<td>15</td>
<td>10</td>
<td>NE</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>50</td>
<td>150</td>
<td>200</td>
<td>300</td>
</tr>
<tr>
<td>METHANOL</td>
<td>200</td>
<td>250</td>
<td>200</td>
<td>NE</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Boiling Range: 133 - 485</th>
<th>Vapor Density: 4.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor: Characteristic</td>
<td>Odor Threshold: NE</td>
</tr>
<tr>
<td>Appearance: Heavy Red Liquid</td>
<td>Evaporation Rate: 14.40</td>
</tr>
<tr>
<td>Solubility in Water: NE</td>
<td>Specific Gravity: 1.452</td>
</tr>
<tr>
<td>Freeze Point: NE</td>
<td>pH: NE</td>
</tr>
<tr>
<td>Vapor Pressure: 47.30</td>
<td>Viscosity: NE</td>
</tr>
<tr>
<td>Physical State: Liquid</td>
<td>Flash Point, °C: -20, °F -4</td>
</tr>
</tbody>
</table>

(See section 16 for abbreviation legend)

**CHEMICAL NAME** | **VAPOR DENSITY** | **EVAPORATION RATE** | **BOILING POINT** | **VP mmHg** | **at DEG, F**
ACETONE           | 2.00           | 14.40           | 133              | 226.00     | 68             |
AROMATIC PETROLEUM DISTILATES 4.00 0.09 354 1.00 68
TOLUENE 3.20 2.00 231 16.70 68
METHANOL 1.11 4.10 147 47.30 77

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: 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. Harmful: possible risk of irreversible effects if swallowed. May be fatal or cause blindness.
CARCINOGENICITY: No Information

Acute Toxicity Values
The acute effects of this product have not been tested. Data on individual components are tabulated below:

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Name according to EEC</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Vapor LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>ACETONE</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>64742-94-5</td>
<td>AROMATIC PETROLEUM DISTILATES</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>108-88-3</td>
<td>TOLUENE</td>
<td>5580</td>
<td>12196</td>
<td>12500</td>
</tr>
<tr>
<td>67-56-1</td>
<td>METHANOL</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
</tbody>
</table>

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

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
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:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA SECTION 312:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
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<tr>
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<td>METHANOL</td>
<td>67-56-1</td>
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</table>

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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
</tr>
<tr>
<td>NAPHTHALENE</td>
<td>91-20-3</td>
</tr>
<tr>
<td>METHANOL</td>
<td>67-56-1</td>
</tr>
<tr>
<td>1,2,4 TRIMETHYL BENZENE</td>
<td>95-63-6</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM CARBONATE</td>
<td>1317-65-3</td>
</tr>
<tr>
<td>BUTYL METHACRYLATE COPOLYMER</td>
<td>28262-63-7</td>
</tr>
</tbody>
</table>

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM CARBONATE</td>
<td>1317-65-3</td>
</tr>
<tr>
<td>BUTYL METHACRYLATE COPOLYMER</td>
<td>28262-63-7</td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
</table>

NAPHTHALENE 91-20-3

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
</tr>
<tr>
<td>METHANOL</td>
<td>67-56-1</td>
</tr>
</tbody>
</table>

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: 3/28/2019
Supercedes Date: 3/8/2016
Reason for revision: GHS
Datasheet produced by: Regulatory Department

HMIS Ratings:

<table>
<thead>
<tr>
<th>Health:</th>
<th>Flammability:</th>
<th>Reactivity:</th>
<th>Personal Protection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

Volatile Organic Compounds, gr/ltr: 98

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

H225 Highly flammable liquid and vapour.
H227 Combustible liquid
H301 Toxic if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H320 Causes eye irritation.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H360 May damage fertility or the unborn child.
H361 Suspected of damaging fertility or the unborn child.
H370 Causes damage to organs. Classified Category 1 Substances that produced significant toxicity in humans and evidence to produce significant toxicity with single exposure. Cell death, adverse change in biochemistry, haematology or urinalysis parameters, Central or peripheral nervous system and effects senses. multifocal or diffuse necrosis, fibrosis or granuloma formation in organs.
H373 May cause damage to organs through prolonged or repeated exposure.

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

GHS02
Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

No Information