Safety Data Sheet

according to OSHA Hazard Communication
29 CFR Part 1910.1200

Section 1. Identification

Product Code: M1225P
Product Name: Acrylic Low VOC Yellow Traffic Marking Paint
Recommended Use: Liquid Paint
Application Method: Liquid Surface Paint
Supplied by: Thorworks Industries Inc.
2520 S. Campbell St. Sandusky, OH 44870
www.sealmaster.net | 1-800-326-1994
Emergency Telephone: Chemtrec: 1-800-424-9300

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.

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.

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.

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.


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. Keep working clothes separately.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Range:</td>
<td>56 - 485</td>
</tr>
<tr>
<td>Odor:</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Appearance:</td>
<td>Heavy Yellow Liquid</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>NE</td>
</tr>
<tr>
<td>Freeze Point:</td>
<td>NE</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>226.00</td>
</tr>
<tr>
<td>Physical State:</td>
<td>Liquid</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>4.00</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>NA</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>14.40</td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>1.475</td>
</tr>
<tr>
<td>pH:</td>
<td>NE</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>NE</td>
</tr>
<tr>
<td>Flash Point, °C:</td>
<td>-20, °F -4</td>
</tr>
</tbody>
</table>

(See section 16 for abbreviation legend)
AROMATIC PETROLEUM DISTILATES 4.00 0.09 354 1.00 68
TOLUENE 3.20 2.00 233 16.70 68
METHANOL 1.11 5.20 149 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.

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

Product

DISPOSAL METHOD: Contact waste disposal services.

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>
<tr>
<td>ACETONE</td>
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<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 TRIMETHYLBENZENE</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>
<tr>
<td>MONOAZO YELLOW</td>
<td>6358-31-2</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:
Chemical Name | CAS-No.  
---|---
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.

**Chemical Name** | **CAS-No.**
---|---
TOLUENE | 108-88-3
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

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

**Revision Date:** 10/23/18  
**Supercedes Date:** New MSDS

**Reason for revision:** GHS  
**Data sheet 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