Safety Data Sheet

according to OSHA Hazard Communication
29 CFR Part 1910.1200

Section 1. Identification

Product Information: 12Y-D330
Product Name: YELLOW LOW VOC MODIFIED ACRYLIC COP
Recommended Use: Liquid Paint
Application Method: Liquid 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
Eye Irrit. 2B, Flam. Liq. 2, Repr. 1A, STOT SE 3 NE, STOT SE 3 RTI

Symbol(s) of Product

Signal Word
Danger

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

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.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Call a POISON CENTER/doctor if you feel unwell.

If eye irritation persists: Get medical advice/attention.

In case of fire: Use dry chemical, carbon dioxide, or foam to extinguish.

Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local rules and regulations.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

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>ALIPHATIC PETROLEUM DISTILATES</td>
<td>8032-32-4</td>
<td>2.5-10</td>
<td>GHS02-GHS07-GHS08</td>
<td>H225-304-315-320-332-336</td>
</tr>
<tr>
<td>METHANOL</td>
<td>67-56-1</td>
<td>0.1-1.0</td>
<td>GHS02-GHS06-GHS08</td>
<td>H225-301-319-331-360-370</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. 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 immediately with plenty of water, also under the eyelids, for at least 15 minutes. 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, Water Fog

### 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.


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>ALIPHATIC PETROLEUM DISTILATES</td>
<td>300</td>
<td>400</td>
<td>300</td>
<td>NE</td>
</tr>
<tr>
<td>METHANOL</td>
<td>200</td>
<td>250</td>
<td>200</td>
<td>NA</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 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. It is good practice in industrial hygiene to avoid contact with solvents by using appropriate protective measures whenever possible.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Range:</td>
<td>56 - 485</td>
<td>Vapor Density:</td>
<td>3.80</td>
</tr>
<tr>
<td>Odor:</td>
<td>Characteristic</td>
<td>Odor Threshold:</td>
<td>NA</td>
</tr>
<tr>
<td>Appearance:</td>
<td>Heavy Yellow Liquid</td>
<td>Evaporation Rate:</td>
<td>14.40</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>NA</td>
<td>Specific Gravity:</td>
<td>1.418</td>
</tr>
<tr>
<td>Freeze Point:</td>
<td>NE</td>
<td>pH:</td>
<td>NE</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>226.00</td>
<td>Viscosity:</td>
<td>NE</td>
</tr>
<tr>
<td>Physical State:</td>
<td>Liquid</td>
<td>Flash Point, °C:</td>
<td>-20, °F -4</td>
</tr>
</tbody>
</table>

(See section 16 for abbreviation legend)

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>VAPOR DENSITY</th>
<th>EVAPORATION RATE</th>
<th>BOILING POINT</th>
<th>VP mmHg</th>
<th>at DEG. F</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>2.00</td>
<td>14.40</td>
<td>133</td>
<td>226.00</td>
<td>68</td>
</tr>
</tbody>
</table>
ALIPHATIC PETROLEUM DISTILATES  3.80  2.00  240  10.20  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: No decomposition if used as directed.

Section 11. Toxicological information

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. Harmful: possible risk of irreversible effects if swallowed. May be fatal or cause blindness.

CARCINOGENICITY: 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.

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>
<td>67-64-1</td>
</tr>
<tr>
<td>ALIPHATIC PETROLEUM DISTILATES</td>
<td>8032-32-4</td>
</tr>
<tr>
<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:

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</thead>
<tbody>
<tr>
<td>METHANOL</td>
<td>67-56-1</td>
</tr>
<tr>
<td>N-BUTANOL</td>
<td>71-36-3</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>ALUMINUM SILICATE</td>
<td>66402-68-4</td>
</tr>
<tr>
<td>PURE DRYING MED OIL VM&amp;P</td>
<td></td>
</tr>
</tbody>
</table>

PENNSYLVANIA RIGHT-TO-KNOW

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

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<thead>
<tr>
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<tbody>
<tr>
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<td>ALUMINUM SILICATE</td>
<td>66402-68-4</td>
</tr>
<tr>
<td>PURE DRYING MED OIL VM&amp;P</td>
<td></td>
</tr>
<tr>
<td>HYDROUS MAGNESIUM SILICATE</td>
<td>14807-96-6</td>
</tr>
<tr>
<td>WOLLASTONITE (CALCIUM METASILICATE)</td>
<td>13983-17-0</td>
</tr>
<tr>
<td>BUTYL METHACRYLATE COPOLYMER</td>
<td></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:

No Proposition 65 Carcinogens exist in this product.

**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.

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</thead>
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<td>67-56-1</td>
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</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: 12/4/2015  
Supercedes Date: New MSDS  
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:** 133

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

- **H225** Highly flammable liquid and vapour.
- **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.
- **H332** Harmful if inhaled.
- **H335** May cause respiratory irritation.
- **H336** May cause drowsiness or dizziness.
- **H360** May damage 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.

**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