Safety Data Sheet
Prepared according to Federal Register / vol. 77, No. 58/ Monday, March 26, 2012 / Rules and Regulations

Section 1 - Company & Product Identification

Product Name: Semi-Gloss Quick Dry Enamels    Product Code: 15090T2C2
Trade Name: MIL-E-15090 TY-2 Cl-2
Manufactured by: Spectrum Coatings Laboratories, Inc.
217 Chapman Street
Providence, RI 02905
ph:401-781-4847
fax:401-781-1075
web: spectrumcoatings.us
email: paintman97@gmail.com

Emergency Contact Information:
Daytime Information: 8:00am - 4:30pm EST
401-781-4847

24 Hour Emergency Contact:
Chemtrec - 800-424-9300
International: +1 703-527-3887
Emergency Information Only

Product Use: Professional Industrial and Commercial Spray Painting
Not recommended for: Commodity General Public Use

Section 2 - Hazards Identification

GHS Ratings:
- Flammable liquid: 2  Flash point < 23°C and initial boiling point > 35°C (95°F)
- Skin corrosive: 2  Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation
- Eye corrosive: 2A  Eye irritant: Subcategory 2A, Reversible in 21 days
- Mutagen: 1B  Known to produce heritable mutations in human germ cellsSubcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
- Carcinogen: 1B  Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity
- Aspiration hazard: 1  Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity ? 20.5 mm²/s at 40°C.

GHS Hazards
- H225  Highly flammable liquid and vapour
- H304  May be fatal if swallowed and enters airways
- H315  Causes skin irritation
- H319  Causes serious eye irritation
- H340  May cause genetic defects
- H350  May cause cancer

GHS Precautions
- P201  Obtain special instructions before use
- P202  Do not handle until all safety precautions have been read and understood
- P210  Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P233  Keep container tightly closed
- P240  Ground/bond container and receiving equipment
P241 Use explosion-proof electrical/ventilating/lighting/all motorized electrical equipment being used in the area where this material is being handled

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge

P264 Wash all exposed areas thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P281 Use personal protective equipment as required

P321 Specific treatment (see Section 4 and 11 of SDS)

P331 Do NOT induce vomiting

P362 Take off contaminated clothing and wash before reuse

P301+P305 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P302+P303 IF ON SKIN: Wash with soap and water

P304+P305 IF IN EYES: Rinse continuously 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

P332+P337 If skin irritation occurs: Get medical advice/attention

P337+P313 Get medical advice/attention

P370+P378 In case of fire: Use CO2, Foam, or Chemical Extinguisher for extinction

P405 Store locked up

P403+P235 Store in a well ventilated place. Keep cool

P501 Dispose of contents/container to suitable waste stream in accordance with local, regional, national, and international regulations.

Section 3 - Composition/information on ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylol</td>
<td>1330-20-7</td>
<td>30.00% - 40.00%</td>
</tr>
<tr>
<td>Trade Secret</td>
<td>N/A</td>
<td>30.00% - 40.00%</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Aliphatic Petroleum Distillate</td>
<td>64742-89-8</td>
<td>10.00% - 20.00%</td>
</tr>
<tr>
<td>Amorphous Precipitated Silica</td>
<td>112926-00-8</td>
<td>1.00% - 5.00%</td>
</tr>
</tbody>
</table>

Section 2 - First aid measures

4.1. Description of first aid measures

First-aid measures general: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.

IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.
IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/injuries:
Symptoms/injuries after inhalation:
Symptoms/injuries after skin contact:
Symptoms/injuries after eye contact:
Symptoms/injuries after ingestion:
Chronic symptoms:

Section 5 - Firefighting measures

Flash Point: -10 C (14 F)
LEL: 1.00 UEL: 8.00

5.1. Extinguishing media
Suitable extinguishing media: Carbon dioxide, Carbon Dioxide, Foam

5.2. Special hazards arising from the substance or mixture
Fire hazard:
Explosion hazard:
Reactivity:

5.3. Advice for firefighters
Firefighting instructions:
Protection during firefighting:

Section 6 - Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
General measures: Evacuate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8). Ventilate area. Keep upwind.

6.1.1. For non-emergency personnel
Protective equipment: Wear Protective equipment as described in Section 8.
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

6.2. Environmental precautions
Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up
For containment:
Methods for cleaning up:
Section 7 - Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling:

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions:
Storage Temperature:

Section 8 - Exposure controls/personal protection

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylol 1330-20-7</td>
<td>PEL 100ppm - TWA</td>
<td>TLV 100ppm - TWA</td>
<td>46ppm TWA</td>
</tr>
<tr>
<td></td>
<td>VPEL 100ppm - TWA</td>
<td>TLV 150ppm - STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>VPEL 150ppm - STEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade Secret N/A</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Titanium Dioxide 13463-67-7</td>
<td>PEL 15mg/m3 - TWA (total dust)</td>
<td>TLV 10mg/m3 - TWA (total dust)</td>
<td>Not Established</td>
</tr>
<tr>
<td>Aliphatic Petroleum Distillate 64742-89-8</td>
<td>OELs not established</td>
<td>OELs not established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Amorphous Precipitated Silica 112926-00-8</td>
<td>vPEL- 6 mg/m3 - TWA</td>
<td>OELs not established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Hand Protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

Eye Protection: Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection: Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory Protection: Use NIOSH-approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

Section 9 - Physical and chemical properties

| Appearance | Viscous liquid either colored or clear depending on product |
| Physical State | Liquid |
| % Volume Volatile | 61.81 |
| Formula Lb / Gal | 8.82 |
| gms VOC/Liter Less Water | 516 |
| Odor | NA |
| Boiling Range | 95 to 140 °C |
| Specific Gravity (SG) | 1.057 |
| Lbs VOC/Gallon Less Water | 4.30 |
Section 10 - Stability and Reactivity

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous decomposition products

STABLE

Strong oxidizing agents
Non-reactive material.
Caustics, and strong oxidizers

Oxides of carbon, such as carbon dioxide & carbon monoxide.
Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity
Dermal Toxicity LD50: 3,095mg/kg

Component Toxicity
1330-20-7 Xylol
Oral LD50: 3,523 mg/kg (Rat) Dermal LD50: 1,100 mg/kg (Judgement)

64742-89-8 Aliphatic Petroleum Distillate
Oral LD50: 5,000 mg/kg (Mouse) Dermal LD50: 3,000 mg/kg (Rabbit)

Acute toxicity:
Skin corrosion/irritation:
Serious eye damage/irritation:
Respiratory or skin sensitisation:
Germ cell mutagenicity:
Carcinogenicity:
Reproductive toxicity:
Specific target organ toxicity (single exposure):
Specific target organ toxicity (repeated exposure):
Aspiration hazard:
Symptoms/injuries:
Symptoms/injuries after inhalation:
Symptoms/injuries after skin contact:
Symptoms/injuries after eye contact:
Symptoms/injuries after ingestion:
Chronic symptoms:

<table>
<thead>
<tr>
<th>Inhalation</th>
<th>Skin Contact</th>
<th>Eye Contact</th>
<th>Ingestion</th>
</tr>
</thead>
</table>

Central Nervous System

Effects of Overexposure

Eye Contact: Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes. May cause eye discomfort from mechanical irritation.
Skin Contact

May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use. May cause drying of the skin.

Ingestion

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury. Not expected to be toxic by ingestion.

Inhalation

Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits. May cause physical discomfort to the respiratory tract as a raw dust only.

Symptoms of Exposure

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: mouth and throat irritation, stomach or intestinal upset, irritation of the nose, throat & airways, central nervous system depression, high blood sugar, coma. Lead is a potent, systemic poison that serves no known useful function once absorbed into your body. Chronic overexposure to lead may result in severe damage to your blood forming, nervous, urinary, central nervous system, and reproductive organs. See OSHA Lead Standard, CFR 1910.1025.

Target Organ Effects

This material shortens the time of onset or worsens the liver and kidney damage induced by other chemicals. Overexposure to this material has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects, mild, reversible kidney effects, blood abnormalities. No Data

Developmental Info.

This material (or a component) may be harmful to the human fetus based on positive test results with laboratory animals. Case studies show that prolonged intentional abuse of this product during pregnancy can cause birth defects in humans.

Cancer Information

Based on the available information, this material cannot be classified with regard to carcinogenicity. This material is NOT listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration. Some isomers of Xylene may contain Ethylbenzene which has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. IARC has classified Ethylbenzene as a possible carcinogen.

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

Section 12 - Ecological information

No data available

Component Ecotoxicity

Section 13 - Disposal considerations

Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.

Section 14 - Transport information
Section 15 - Regulatory information

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:
13463-67-7  Titanium Dioxide  10 to 20 %

Commonwealth of Massachusetts "Right to Know": This product contains the following toxic or hazardous substances which appear on the Massachusetts Substance List:
- Amorphous Precipitated Silica  1 to 5 %
- Titanium Dioxide  10 to 20 %
- Xylene (mixed)  30 to 40 %

New Jersey Worker and Community Right To Know Hazardous Substance List: The following substances appear on the New Jersey Right To Know Hazardous Substance List.
- Amorphous Precipitated Silica  1 to 5 %
- Titanium Dioxide  10 to 20 %
- Xylene (mixed)  30 to 40 %

Commonwealth of Pennsylvania Worker and Community Right-To-Know Act: This product contains the following chemicals which appear on the Pennsylvania Hazardous Substance List:
112926-00-8
13463-67-7
1330-20-7

<table>
<thead>
<tr>
<th>Country</th>
<th>Regulation</th>
<th>All Components Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU Risk Phrases</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safety Phrase</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All components of this product are listed on the TSCA Inventory or are exempt.
112926-00-8  Amorphous Precipitated Silica  1.0 - 5%

Section 16 - Other information

Author: BCS

Hazardous Material Information System (HMIS)

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>0</td>
<td>J</td>
</tr>
</tbody>
</table>

HMIS & NFPA Hazard Rating Legend
* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)

Flammability
Health
Instability
Special

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Reviewer Revision

Date Prepared: 6/8/2015