Section 1. Product identification

PRODUCT CODE: 6510
PRODUCT NAME: WHITE F/D LATEX TRAFFIC MARKING PAINT
PRODUCT USE: Liquid Paint
MANUFACTURER: RAE Products & Chemicals Corporation
11638 South Mayfield Avenue.
Alsip, IL 60803
1-(877)-275-7550

24 HR. EMERGENCY TELEPHONE NUMBER
CHEMTREC (US) 1 (800) 424-9300

Section 2. Hazard(s) identification

EMERGENCY OVERVIEW: Skin and eye irritant.

GHS Classification
Repr. 1A, STOT SE 1

Symbol(s) of Product

Signal Word
Danger

GHS HAZARD STATEMENTS
Reproductive Toxicity, category 1A  H360 May damage fertility or the unborn child.
STOT, single exposure, category 1  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.

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.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P307+P311 IF exposed: Call a POISON CENTER or doctor/physician.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local rules and regulations.

GHS SDS PRECAUTIONARY STATEMENTS
P363 Wash contaminated clothing before reuse.

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>N-BUTYL ACRYLATE</td>
<td>141-32-2</td>
<td>10-25</td>
<td>GHS02-GHS07</td>
<td>H226-315-317-319-335</td>
</tr>
<tr>
<td>METHYL METHACRYLATE</td>
<td>80-62-6</td>
<td>10-25</td>
<td>GHS02-GHS07</td>
<td>H225-315-317-335</td>
</tr>
<tr>
<td>HYDROXYPROPYL METHACRYLATE</td>
<td>27813-02-1</td>
<td>2.5-10</td>
<td>GHS07</td>
<td>H317-319</td>
</tr>
<tr>
<td>DIISOPROPANOL-P-TOLUIDINE</td>
<td>38668-48-3</td>
<td>1.0-2.5</td>
<td>GHS06</td>
<td>H301</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.
FIRST AID - SKIN CONTACT: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
FIRST AID - EYE CONTACT: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Rinse with plenty of water.
FIRST AID - INGESTION: Call a physician immediately. Do not induce vomiting without medical advice.

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: 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>N-BUTYL ACRYLATE</td>
<td>2 ppm</td>
<td>NE</td>
<td>10 ppm</td>
<td>NE</td>
</tr>
<tr>
<td>METHYL METHACRYLATE</td>
<td>50 ppm</td>
<td>100 ppm</td>
<td>100 ppm</td>
<td>NE</td>
</tr>
<tr>
<td>HYDROXYPROPYL METHACRYLATE</td>
<td>50</td>
<td>100</td>
<td>100</td>
<td>ne</td>
</tr>
<tr>
<td>DIISOPROPANOL-P-TOLUIDINE</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</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:** No Information
- **HYGIENIC PRACTICES:** No Information

### 9. Physical and Chemical Properties

- **Boiling Range:** 0 - 0
- **Odor:** Characteristic
- **Appearance:** Heavy Yellow Liquid
- **Solubility in Water:** NE
- **Freeze Point:** NE
- **Vapor Pressure:** 40.00
- **Physical State:** Liquid

Vapor Density: 3.60  Odor Threshold: NE  Evaporation Rate: 3.10  Specific Gravity: 1.510  pH: NE  Viscosity: NE  Flash Point, °F 50

(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>N-BUTYL ACRYLATE</td>
<td>0.899</td>
<td>NA</td>
<td>298</td>
<td>4.3</td>
<td>68</td>
</tr>
<tr>
<td>METHYL METHACRYLATE</td>
<td>3.60</td>
<td>3.1</td>
<td>212</td>
<td>40</td>
<td>68</td>
</tr>
<tr>
<td>HYDROXYPROPYL METHACRYLATE</td>
<td>3.6</td>
<td>3.1</td>
<td>212</td>
<td>40</td>
<td>68</td>
</tr>
<tr>
<td>DIISOPROPANOL-P-TOLUIDINE</td>
<td>NA</td>
<td></td>
<td>300</td>
<td>NA</td>
<td></td>
</tr>
</tbody>
</table>

### Section 10. Stability and reactivity

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Avoid contact with skin, eyes and clothing.
INCOMPATIBILITY: Strong oxidizing agents. Keep away from strong oxidizing agents, heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: No decomposition if stored and applied as directed.

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**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:

<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>141-32-2</td>
<td>N-BUTYL ACRYLATE</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>80-62-6</td>
<td>METHYL METHACRYLATE</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>27813-02-1</td>
<td>HYDROXYPROPYL METHACRYLATE</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>38668-48-3</td>
<td>DIISOPROANOL-P-TOLUIDINE</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
</tbody>
</table>

N.I. - No Information

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**Section 12. Ecological information**

ECOLOGICAL INFORMATION: Do not contaminate ponds, waterways or ditches with chemical or used container.

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**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.

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**Section 14. Transport information**

SPECIAL TRANSPORT PRECAUTIONS: No Information

<table>
<thead>
<tr>
<th>DOT Proper Shipping</th>
<th>Paint, Flammable Liquid</th>
<th>Packing Group:</th>
<th>II</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Technical Name:</td>
<td>Paint</td>
<td>Hazard SubClass:</td>
<td>No Information</td>
</tr>
<tr>
<td>DOT UN/NA Number:</td>
<td>1263</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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:

None Known

SARA SECTION 312:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-BUTYL ACRYLATE</td>
<td>141-32-2</td>
</tr>
<tr>
<td>METHYL METHACRYLATE</td>
<td>80-62-6</td>
</tr>
<tr>
<td>HYDROXYPROPYL METHACRYLATE</td>
<td>27813-02-1</td>
</tr>
</tbody>
</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>N-BUTYL ACRYLATE</td>
<td>141-32-2</td>
</tr>
<tr>
<td>METHYL METHACRYLATE</td>
<td>80-62-6</td>
</tr>
<tr>
<td>HYDROXYPROPYL METHACRYLATE</td>
<td>27813-02-1</td>
</tr>
<tr>
<td>1-METHYL-2-PYRROLIDONE</td>
<td>872-50-4</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>
</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>YELLOW 65</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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-METHYL-2-PYRROLIDONE</td>
<td>872-50-4</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**

<table>
<thead>
<tr>
<th>Revision Date:</th>
<th>8/11/2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supercedes Date:</td>
<td>New MSDS</td>
</tr>
<tr>
<td>Reason for revision:</td>
<td>GHS</td>
</tr>
<tr>
<td>Datasheet produced by:</td>
<td>Regulatory Department</td>
</tr>
</tbody>
</table>

**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>2</td>
<td>X</td>
</tr>
</tbody>
</table>

**Volatile Organic Compounds, gr/ltr:** 10

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

- **H225** Highly flammable liquid and vapour.
- **H226** Flammable liquid and vapour.
- **H301** Toxic if swallowed.
- **H315** Causes skin irritation.
- **H317** May cause an allergic skin reaction.
- **H319** Causes serious eye irritation.
- **H335** May cause respiratory irritation.

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

- GHS02
- GHS06
- GHS07

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

No Information