1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: U26
Product Name: CARDINAL RED
Product Use: Paint product.
Print date: 28/Nov/2005
Revision Date: 24/Nov/2005

Company Identification

The Valspar Corporation - Packaging Division The Valspar Corporation
210 CROSBY
PICAYUNE, MS 39466
Manufacturer’s Phone: 1-601-798-4731

24-Hour Medical Emergency Phone: 1-888-345-5732

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Approx. Weight %</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYL 3-ETHOXYPROPIONATE</td>
<td>15 - 20</td>
<td>Ethyl 3-ethoxypropionate</td>
</tr>
<tr>
<td>AROMATIC NAPHTHA, HEAVY</td>
<td>10 - 15</td>
<td>SOLVENT NAPHTHA, PETROLEUM, HEAVY AROM</td>
</tr>
<tr>
<td>PROPRIETARY PIGMENT</td>
<td>5 - 10</td>
<td>PROPRIETARY PIGMENT</td>
</tr>
<tr>
<td>XYLENE</td>
<td>5 - 10</td>
<td>Xylenes (o-, m-, p- isomers)</td>
</tr>
<tr>
<td>BUTYL ACETATE</td>
<td>1 - 5</td>
<td>n-Butyl acetate</td>
</tr>
<tr>
<td>BUTYLBENZYL PHTHALATE</td>
<td>1 - 5</td>
<td>Butyl benzyl phthalate</td>
</tr>
<tr>
<td>AROMATIC NAPHTHA, LIGHT</td>
<td>1 - 5</td>
<td>Petroleum naphtha, light aromatic</td>
</tr>
<tr>
<td>1,2,4-TRIMETHYLBENZENE</td>
<td>1 - 5</td>
<td>PSEUDO CUMENE</td>
</tr>
<tr>
<td>ETHYL BENZENE</td>
<td>1 - 5</td>
<td>Ethyl benzene</td>
</tr>
<tr>
<td>NAPHTHALENE</td>
<td>1 - 5</td>
<td>Naphthalene</td>
</tr>
</tbody>
</table>

If this section is blank there are no hazardous components per OSHA guidelines.

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Product ID: U26
Emergency Overview:
This section not in use.

This product contains ingredients that may contribute to the following potential acute health effects:

Inhalation Effects:
Harmful if inhaled. May affect the brain, nervous system, or respiratory system, causing dizziness, headache, nausea or respiratory irritation.

Eye Contact:
May cause moderate eye irritation.

Skin Contact:
May cause moderate skin irritation.

Acute Ingestion:
None known

Other Effects:
May cause liver damage. May cause kidney damage.

This product contains ingredients that may contribute to the following potential chronic health effects:

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause eye damage and pain.

See Section 11 for toxicological information about Mutagens, Teratogens and Carcinogens.

If this section is blank, no information is available.

4. FIRST AID MEASURES

Inhalation:
If affected by inhalation, move victim to fresh air. If symptoms persist, seek medical attention.

Eye Contact:
In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Skin Contact:
In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. If irritation persists get medical attention. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean contaminated shoes.

Ingestion:
If swallowed, contact medical personnel immediately to determine best course of action.

Medical conditions aggravated by exposure: Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit): 45º F ( 7º C) TCC/PM
Lower explosive limit: 1 %
Upper explosive limit: 8 %
Autoignition temperature: Not available. º F ( º C)
Sensitivity to impact: No.

Product ID: U26
Sensitivity to static discharge: Subject to static discharge hazards. Please see bonding and grounding information in Section 7. See Section 10.

Hazardous combustion products:

Unusual fire and explosion hazards: None known.

Extinguishing media:
Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures:
Use water spray to cool nearby containers and structures exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:
Ventilate area. Avoid breathing of vapors. Use self-containing breathing apparatus or airmask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 5, "Unusual Fire and Explosion Hazards", for proper container and storage procedures. Remove sources of ignition. Remove with inert absorbent and non sparking tools. Avoid contact with eyes.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:
Keep away from heat, sparks, and flames. Keep container closed when not in use. Do not store above 120 degrees F. (49 degrees C). Based on flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106. Ontario OH&S regulation 851 section 22. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned. If the product is used near or above the flashpoint, an ignition hazard may be present. Activities, uses, or operations which liberate vapor (such as mixing or free fall of liquids) may also present an ignition hazard. Please ensure containers and other interconnected equipment are properly bonded and grounded at all times.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:
Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

Skin protection:
Appropriate chemical resistant gloves should be worn. To prevent skin contact wear protective clothing covering all exposed areas.

Respiratory protection:
If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Ventilation
Required when spraying or applying in confined area. Ventilation equipment should be explosion proof. Eliminate ignition sources.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)
### ACGIH Threshold Limit Value (TLV's)

<table>
<thead>
<tr>
<th>Common Name</th>
<th>CAS-No.</th>
<th>Approx. Weight %</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling limits</th>
<th>Skin designations</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPRIETARY PIGMENT</td>
<td></td>
<td>5 - 10</td>
<td>10 mg/m³</td>
<td>3 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Inhalable particles.</td>
<td>Respirable particles.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
<td>5 - 10</td>
<td>100 ppm</td>
<td>150 ppm</td>
<td>150 ppm</td>
<td></td>
</tr>
<tr>
<td>BUTYL ACETATE</td>
<td>123-86-4</td>
<td>1 - 5</td>
<td>150 ppm</td>
<td>200 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>1 - 5</td>
<td>25 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NAPHTHALENE</td>
<td>91-20-3</td>
<td>1 - 5</td>
<td>10 ppm</td>
<td>15 ppm</td>
<td></td>
<td>Can be absorbed through the skin.</td>
</tr>
</tbody>
</table>

If this section is blank, no information is available.

### 9. PHYSICAL PROPERTIES

- **Odor:** Normal for this product type.
- **Physical State:** Liquid
- **pH:** Not determined.
- **Vapor pressure:** 10 mmHG @ 68º F (20º C)
- **Boiling point:** 259º F (126º C)
- **Density (lbs per US gallon):** 9.15
- **Specific Gravity:** 1.1
- **Evaporation rate (butyl acetate = 1.0):** 1.1

### 10. STABILITY AND REACTIVITY

- **Stability:** Stable
Conditions to Avoid: None known.
Incompatibility: Strong oxidizers.
Hazardous Polymerization: None anticipated.
Hazardous Decomposition Products: Carbon monoxide and carbon dioxide. Metal oxide fumes.

Sensitivity to static discharge: Subject to static discharge hazards. Please see bonding and grounding information in Section 7.

11. TOXICOLOGICAL INFORMATION

Mutagens:

Teratogens:

Carcinogens:
Contains ethylbenzene, which has been determined by NTP to be an animal carcinogen with no known relevance to humans. IARC has classified ethylbenzene as possibly carcinogenic to humans (2b) on the basis of sufficient evidence of carcinogenicity in laboratory animals but inadequate evidence of cancer in humans. Possible cancer hazard. Contains ingredients which may cause cancer based on animal data. Risk to your health depends upon the level and duration of exposure.

<table>
<thead>
<tr>
<th>Common Name</th>
<th>CAS-No.</th>
<th>Approx. Weight %</th>
<th>IARC Group 1 - Human Evidence</th>
<th>IARC Group 2A - limited human data</th>
<th>IARC Group 2b - sufficient animal data</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>1 - 5</td>
<td></td>
<td></td>
<td>Monograph 77, 2000</td>
</tr>
<tr>
<td>NAPHTHALENE</td>
<td>91-20-3</td>
<td>1 - 5</td>
<td></td>
<td></td>
<td>POSSIBLY CARCINOGENIC IN HUMANS BASED ON ANIMAL STUDIES</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Common Name</th>
<th>CAS-No.</th>
<th>Approx. Weight %</th>
<th>NTP Known carcinogens</th>
<th>NTP Suspect carcinogens</th>
<th>NTP Evidence of carcinogenicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTYLBENZYL PHTHALATE</td>
<td>85-68-7</td>
<td>1 - 5</td>
<td></td>
<td></td>
<td>(PB83-118398: male rat-inadequate; female rat-positive; male mice-negative; female mice-negative); (PB98-131089: male rat-some evidence; female rat-equivocal evidence)</td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>1 - 5</td>
<td></td>
<td></td>
<td>male rat-clear evidence; female rat-some evidence; male mice-some evidence; female mice-some evidence</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Common Name</th>
<th>CAS-No.</th>
<th>Approx. Weight %</th>
<th>OSHA Select carcinogens</th>
<th>OSHA Possible select carcinogens</th>
<th>ACGIH Carcinogens</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>1 - 5</td>
<td></td>
<td></td>
<td>Group A3 Confirmed animal carcinogen with unknown relevance to humans.</td>
</tr>
</tbody>
</table>

If this section is blank, no information is available.
12. ECOLOGICAL DATA

Not available at this time.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation
Proper Shipping Name: PAINT
Hazard Class: 3
UN ID Number: UN1263
Packing Group: II

49 CFR Hazardous Material Regulations Parts 100-180
The supplier will apply the combustible liquid exception in 49 CFR 173.150(f), limited quantity or "does not sustain combustion" exceptions and consumer commodity rules, when authorized. Please check 49 CFR Parts 100-180 to determine if the use of these exceptions applies to your shipments when re-shipping our products.

International Air Transport Association:
Proper Shipping Name: PAINT
Hazard Class: 3
UN ID Number: UN1263
Packing Group: II

International Maritime Organization:
Proper Shipping Name: PAINT
Hazard Class: 3
UN ID Number: UN1263
Packing Group: II

15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>Common Name</th>
<th>CAS-No.</th>
<th>Approx. Weight %</th>
<th>SARA 302</th>
<th>SARA 313</th>
<th>CERCLA RQ IN LBS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
<td>5 - 10</td>
<td>form R reporting required for 1.0% de minimis concentration</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>BUTYL ACETATE</td>
<td>123-86-4</td>
<td>1 - 5</td>
<td></td>
<td></td>
<td>5000</td>
</tr>
<tr>
<td>BUTYLBENZYL PHTHALATE</td>
<td>85-68-7</td>
<td>1 - 5</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>1,2,4-TRIMETHYLBENZENE</td>
<td>95-63-6</td>
<td>1 - 5</td>
<td>form R reporting required for 1.0% de minimis concentration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>1 - 5</td>
<td>form R reporting required for 1.0% de minimis concentration</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>NAPHTHALENE</td>
<td>91-20-3</td>
<td>1 - 5</td>
<td>form R reporting required for 1.0% de minimis concentration</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

Product ID: U26

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SARA 311/312 Hazard Class:
Acute: Yes
Chronic: Yes
Flammability: Yes
Reactivity: No
Sudden Pressure: No

U.S. STATE REGULATIONS:
Pennsylvania Right To Know:
AROMATIC NAPHTHA, LIGHT 64742-95-6
ETHYL 3-ETHOXYPROPIONATE 763-69-9
BUTYLBENZYL PHTHALATE 85-68-7
NAPHTHALENE 91-20-3
1,2,4-TRIMETHYLBENZENE 95-63-6
ETHYLBENZENE 100-41-4
BUTYL ACETATE 123-86-4
XYLENE 1330-20-7
PROPRIETARY PIGMENT Trade Secret
AROMATIC NAPHTHA, HEAVY 64742-94-5

Additional Non-Hazardous Materials
PROPRIETARY RESIN Trade Secret
PROPRIETARY PIGMENT Trade Secret

California Proposition 65:
WARNING: This product contains chemicals known to the State of California to cause cancer.

Rule 66 status of product
Photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories
TSCA Inventory:
All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List:
Not all components in this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes
Health: 2
Flammability: 3
Reactivity: 1
PPE: X - See Section 8 for Personal Protective Equipment (PPE).

Abbreviations:
OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.
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