The Valspar Corporation
Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification
Product ID: PBC45
Product Name: RED PEARL
Product Use: Paint product.
Date Published: 2005/02/16
Revision Date: 2005/02/15

Company Identification
The Valspar Corporation The Valspar Corporation - Packaging Division
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>CAS #</th>
<th>Approx Wt%</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTYL ACETATE</td>
<td>123-86-4</td>
<td>40 - 45</td>
<td>n-Butyl acetate</td>
</tr>
<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
<td>30 - 35</td>
<td>Xylenes (o-, m-, p- isomers)</td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>5 - 10</td>
<td>Ethyl benzene</td>
</tr>
<tr>
<td>ETHYL 3-ETHOXYPROPIONATE</td>
<td>763-69-9</td>
<td>1 - 5</td>
<td>Ethyl 3-ethoxypropionate</td>
</tr>
<tr>
<td>C.I. PIGMENT RED 52:2 MANGANESE SALT</td>
<td>12238-31-2</td>
<td>1 - 5</td>
<td>C.I. Pigment Red 52-2</td>
</tr>
<tr>
<td>Trade Secret : PROPRIETARY INERT</td>
<td>1 - 5</td>
<td>PROPRIETARY INERT</td>
<td></td>
</tr>
</tbody>
</table>

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

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:
Inhalation
Ingestion
Skin absorption

Emergency Overview:

Product ID: PBC45
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): 45° F (7º C) TCC/PM
Lower explosive limit: 1 %
Upper explosive limit: 8 %
Autoignition temperature: Not available.° F (° C)
Sensitivity to impact: No.
Sensitivity to static discharge: Subject to static discharge hazards. Please see bonding and grounding information in Section 7.
Hazardous combustion products: See Section 10.

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 all personal contact.

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:
Wear chemical goggles with splash shields or face shield. Contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury in case of exposure.

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)**

<table>
<thead>
<tr>
<th>Common Name</th>
<th>CAS #</th>
<th>Approx Wt%</th>
<th>TWA (final)</th>
<th>Ceiling limits (final)</th>
<th>Skin designations</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTYL ACETATE</td>
<td>123-86-4</td>
<td>40 - 45</td>
<td>710 MGM3 150 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
<td>30 - 35</td>
<td>435 MGM3 100 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>5 - 10</td>
<td>435 MGM3 100 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.I. PIGMENT RED 52:2</td>
<td></td>
<td>1 - 5</td>
<td></td>
<td>5 MGM3</td>
<td>Mn</td>
</tr>
<tr>
<td>MANGANESE SALT</td>
<td>12238-31-2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade Secret:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PROPRIETARY INERT</td>
<td></td>
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</tr>
</tbody>
</table>

**ACGIH Threshold Limit Value (TLV's)**

<table>
<thead>
<tr>
<th>Common Name</th>
<th>CAS #</th>
<th>Approx Wt%</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling limits</th>
<th>Skin designations</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTYL ACETATE</td>
<td>123-86-4</td>
<td>40 - 45</td>
<td>150 ppm</td>
<td>200 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
<td>30 - 35</td>
<td>100 ppm</td>
<td>150 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>5 - 10</td>
<td>100 ppm</td>
<td>125 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.I. PIGMENT RED 52:2</td>
<td></td>
<td>1 - 5</td>
<td>0.2 MGM3 Mn</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MANGANESE SALT</td>
<td>12238-31-2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade Secret:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PROPRIETARY INERT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If this section is blank, no information is available.

**9. PHYSICAL PROPERTIES**

Product ID: PBC45
Odor: Normal for this product type.
Physical State: Liquid
pH: Not determined.
Vapor pressure: 10 mmHG @ 68º F (20º C)
Vapor density (air = 1.0): 5
Boiling point: 259º F (126º C)
Solubility in water: Insoluble.
Coefficient of water/oil distribution: Not determined.
Density (lbs per US gallon): 7.71
Specific gravity (water = 1): .92
Evaporation rate (butyl acetate = 1.0): 1.1

10. STABILITY AND REACTIVITY

Stability: This product is stable.
Conditions to Avoid: None known.
Incompatibility: Strong oxidizers.
Hazardous Polymerization: None anticipated.
Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

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.

<table>
<thead>
<tr>
<th>Common Name</th>
<th>CAS #</th>
<th>Approx Wt%</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>5 - 10</td>
<td></td>
<td></td>
<td>Monograph 77, 2000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Common Name</th>
<th>CAS #</th>
<th>Approx Wt%</th>
<th>NTP Known carcinogens</th>
<th>NTP Suspect carcinogens</th>
<th>NTP Evidence of carcinogenicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>5 - 10</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 #</th>
<th>Approx Wt%</th>
<th>OSHA Select carcinogens</th>
<th>OSHA Possible select carcinogens</th>
<th>ACGIH Carcinogens</th>
</tr>
</thead>
</table>

Product ID: PBC45
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

U.S. FEDERAL REGULATIONS:

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Approx Wt%</th>
<th>SARA 302</th>
<th>SARA 313</th>
<th>CERCLA RQ IN LBS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTYL ACETATE</td>
<td>40 - 45</td>
<td></td>
<td></td>
<td>5000 LBS</td>
</tr>
<tr>
<td>123-86-4</td>
<td></td>
<td></td>
<td></td>
<td>100 LBS</td>
</tr>
<tr>
<td>XYLENE</td>
<td>30 - 35</td>
<td></td>
<td></td>
<td>100 LBS</td>
</tr>
<tr>
<td>1330-20-7</td>
<td></td>
<td></td>
<td></td>
<td>1000 LBS</td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>5 - 10</td>
<td></td>
<td></td>
<td>100 LBS</td>
</tr>
<tr>
<td>100-41-4</td>
<td></td>
<td></td>
<td></td>
<td>1000 LBS</td>
</tr>
</tbody>
</table>
**C.I. PIGMENT RED 52:2 MANGANESE SALT 12238-31-2**

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

### U.S. STATE REGULATIONS:

#### Pennsylvania Right To Know:

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
</tr>
<tr>
<td>PROPRIETARY INERT</td>
<td>Trade Secret</td>
</tr>
<tr>
<td>C.I. PIGMENT RED 52:2 MANGANESE SALT</td>
<td>12238-31-2</td>
</tr>
<tr>
<td>BUTYL ACETATE</td>
<td>123-86-4</td>
</tr>
<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
</tr>
<tr>
<td>ETHYL 3-ETHOXYPROPIONATE</td>
<td>763-69-9</td>
</tr>
</tbody>
</table>

### Additional Non-Hazardous Materials

- PROPRIETARY RESIN (Trade Secret)
- PROPRIETARY RESIN (Trade Secret)

### California Proposition 65:

**WARNING:** This product contains a chemical 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:

All components of this product are listed on the Domestic Substances List.

### 16. OTHER INFORMATION

#### HMIS Codes

<table>
<thead>
<tr>
<th>Category</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>2</td>
</tr>
<tr>
<td>Flammability</td>
<td>3</td>
</tr>
<tr>
<td>Reactivity</td>
<td>1</td>
</tr>
<tr>
<td>PPE:</td>
<td>X - See Section 8 for Personal Protective Equipment (PPE).</td>
</tr>
</tbody>
</table>

#### Abbreviations:

- **Product ID:** PBC45
Disclaimer:
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