The Valspar Corporation
Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification
Product ID: DP20
Product Name: ROSETTA RED PEARL DP-20
Product Use: Chemical intermediate.
Date Published: 2004/10/09
Revision Date: 2004/01/23

Company Identification
The Valspar Corporation
1101 Third Street South
Minneapolis, MN  55415
Manufacturer's Phone: 1-612-332-7371

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>Trade Secret : PROPRIETARY INERT</td>
<td></td>
<td>45 - 50</td>
<td>PROPRIETARY INERT</td>
</tr>
<tr>
<td>Trade Secret : PROPRIETARY PIGMENT</td>
<td></td>
<td>40 - 45</td>
<td>PROPRIETARY PIGMENT</td>
</tr>
<tr>
<td>PROPYLENE GLYCOL MONO PROPYL ETHER</td>
<td></td>
<td>5 - 10</td>
<td>2-Propanol, 1-proproxy-</td>
</tr>
<tr>
<td>1569-01-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade Secret : PROPRIETARY PIGMENT</td>
<td></td>
<td>.1 - 1</td>
<td>PROPRIETARY PIGMENT</td>
</tr>
<tr>
<td>CHROMIUM HYDROXIDE</td>
<td>1308-14-1</td>
<td>.1 - 1</td>
<td>Chromium hydroxide (Cr(OH)3)</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:
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:**
Corneal Injury/eye damage.

**Skin Contact:**
None known.

**Acute Ingestion:**
None known.

**Other Effects:**
None known.

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 liver damage. May cause kidney damage.

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, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**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.

**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):** 199°F (93°C) TCC/PM
- **Lower explosive limit:** 1%
- **Upper explosive limit:** 17%
- **Autoignition temperature:** Not available.
- **Sensitivity to impact:** No.
- **Sensitivity to static discharge:** Not typically sensitive to static discharge hazards. Please see bonding and...

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. Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

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. 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.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)
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>Trade Secret: PROPRIETARY INERT</td>
<td>45 - 50</td>
<td>see Table Z-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade Secret: PROPRIETARY PIGMENT</td>
<td>40 - 45</td>
<td>15 mg/m3 TWA (total dust)</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

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<th>Skin designations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret: PROPRIETARY INERT</td>
<td>45 - 50</td>
<td>3 mg/m3 TWA (this TLV is for the respirable fraction of dust for Mica) for particulate matter containing no asbestos and &lt;1% crystalline silica</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade Secret: PROPRIETARY PIGMENT</td>
<td>40 - 45</td>
<td>10 mg/m3 TWA</td>
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<td></td>
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</tr>
<tr>
<td>Trade Secret: PROPRIETARY PIGMENT</td>
<td>.1 - 1</td>
<td>2 MG/M3</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>CHROMIUM HYDROXIDE 1308-14-1</td>
<td>.1 - 1</td>
<td>1 MG/M3</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

If this section is blank, no information is available.

9. PHYSICAL PROPERTIES

Odor: Normal for this product type.
Physical State: Solid
pH: Not determined.
Vapor pressure: 2 mmHG @ 68º F (20º C)
Vapor density (air = 1.0): 4
Boiling point: 302º F (150º C)
Solubility in water: Slightly Soluble
Coefficient of water/oil distribution: Not determined.
Density (weight per gallon): 21.57
Specific gravity (water = 1): 2.58
Evaporation rate (butyl acetate = 1.0): .2

10. STABILITY AND REACTIVITY

Stability: This product is stable.
Conditions to Avoid: None known.
Incompatibility: Strong oxidizers.
Hazardous Polymerization: None anticipated.

Product ID: DP20
Sensitivity to static discharge: Not typically sensitive to static discharge hazards. Please see bonding and grounding information in Section 7.

11. TOXICOLOGICAL INFORMATION

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: PIGMENT, NOT REGULATED

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: Contact Supplier for further information.

International Maritime Organization:
Proper Shipping Name: Contact Supplier for further information.

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>CHROMIUM HYDROXIDE</td>
<td>.1 - 1</td>
<td></td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>1308-14-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

U.S. STATE REGULATIONS:
Pennsylvania Right To Know:

PROPRIETARY PIGMENT  
PROPRIETARY INERT  
PROPRIETARY PIGMENT  
PROPYLENE GLYCOL MONO PROPYL ETHER  

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

Rule 66 status of product  
Not 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

Health: 1
Flammability: 2
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.

Disclaimer: The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. This MSDS contains additional information required by the state of Pennsylvania.