1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification
Product ID: DP30
Product Name: TURQUOISE PEARL DP-30
Product Use: Chemical intermediate.
Date Published: 2004/10/09
Revision Date: 2000/11/01

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>Approx Wt%</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret : PROPRIETARY INERT</td>
<td>40 - 45</td>
<td>PROPRIETARY INERT</td>
</tr>
<tr>
<td>Trade Secret : PROPRIETARY PIGMENT</td>
<td>40 - 45</td>
<td>PROPRIETARY PIGMENT</td>
</tr>
<tr>
<td>CHROMIUM HYDROXIDE 1308-14-1</td>
<td>10 - 15</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:
None known.

Eye Contact:
None known.

**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:

Prolonged exposure over TLV may produce pneumoconiosis.

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.

**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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point (Fahrenheit):</td>
<td>401°F (205°C) TCC/PM</td>
</tr>
<tr>
<td>Lower explosive limit:</td>
<td>Not available. %</td>
</tr>
<tr>
<td>Upper explosive limit:</td>
<td>Not available. %</td>
</tr>
<tr>
<td>Autoignition temperature:</td>
<td>Not available. °F (°C)</td>
</tr>
<tr>
<td>Sensitivity to impact:</td>
<td>No</td>
</tr>
<tr>
<td>Sensitivity to static discharge:</td>
<td>Sensitivity to static discharge is not expected.</td>
</tr>
<tr>
<td>Hazardous combustion products:</td>
<td>See Section 10.</td>
</tr>
</tbody>
</table>

**Unusual fire and explosion hazards:**
None known.

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

**Product ID:** DP30
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:
Avoid contact with eyes.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:
Keep container closed when not in use.

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.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL’s)

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Approx Wt%</th>
<th>TWA (final)</th>
<th>Ceilings limits (final)</th>
<th>Skin designations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret: PROPRIETARY INERT</td>
<td>40 - 45</td>
<td>see Table Z-3</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>
</tr>
</tbody>
</table>

ACGIH Threshold Limit Value (TLV’s)

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Approx Wt%</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling limits</th>
<th>Skin designations</th>
</tr>
</thead>
</table>

Product ID: DP30
<table>
<thead>
<tr>
<th>Material</th>
<th>TLV</th>
<th>TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPRIETARY INERT</td>
<td>40 - 45</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>
</tr>
<tr>
<td>PROPRIETARY PIGMENT</td>
<td>40 - 45</td>
<td>10 mg/m3 TWA</td>
</tr>
<tr>
<td>CHROMIUM HYDROXIDE</td>
<td>1308-14-1</td>
<td>10 - 15</td>
</tr>
</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: Not determined. mmHG @ 68° F (20° C)
- Vapor density (air = 1.0): Not determined.
- Boiling point: Not available.° F (Not Available.° C)
- Solubility in water: Insoluble.
- Coefficient of water/oil distribution: Not determined.
- Density (weight per gallon): 21.69
- Specific gravity (water = 1): 2.6
- Evaporation rate (butyl acetate = 1.0): Not determined.

**10. STABILITY AND REACTIVITY**

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

**Sensitivity to static discharge:** Sensitivity to static discharge is not expected.

**11. TOXICOLOGICAL INFORMATION**

Contains crystalline silica. The IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (group 1). Refer to IARC monograph 68 in conjunction with the use of these materials. Risk of cancer depends on the duration and level of exposure. In coatings products, risk is due primarily to inhalation of sanding dusts or respirable particles in spray mists. The NTP has also determined that crystalline silica is a known human carcinogen in the form of fine, breathable particles. Risk of cancer depends on duration and level of exposure in coatings products, risk is due primarily to inhalation of sanding dust or respirable particles in spray mist.

If this section is blank, no information is available.

**12. ECOLOGICAL DATA**

**Product ID:** DP30
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: PIGMENT - NOT REGULATED

International Maritime Organization:
Proper Shipping Name: PIGMENT - NOT REGULATED

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 1308-14-1</td>
<td>10 - 15</td>
<td>YES</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

U.S. STATE REGULATIONS:

Pennsylvania Right To Know:

<table>
<thead>
<tr>
<th>PROPRIETARY INERT</th>
<th>Trade Secret</th>
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<td>Trade Secret</td>
</tr>
</tbody>
</table>

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.

Product ID: DP30
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: 1
Reactivity: 0
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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