The Valspar Corporation  
Material Safety Data Sheet  

1. PRODUCT AND COMPANY IDENTIFICATION  

Material Identification  
Product ID: U07  
Product Name: U-07 CHROME YELLOW  
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>PROPRIETARY PIGMENT</td>
<td>10 - 15</td>
<td>PROPRIETARY PIGMENT</td>
</tr>
<tr>
<td>ETHYL 3-ETHOXYPROPIONATE</td>
<td>10 - 15</td>
<td>Ethyl 3-ethoxypropionate</td>
</tr>
<tr>
<td>AROMATIC NAPHTHA, HEAVY</td>
<td>5 - 10</td>
<td>SOLVENT NAPHTHA, PETROLEUM, HEAVY AROM</td>
</tr>
<tr>
<td>BUTYL ACETATE</td>
<td>5 - 10</td>
<td>n-Butyl acetate</td>
</tr>
<tr>
<td>XYLENE</td>
<td>1 - 5</td>
<td>Xylenes (o-, m-, p- isomers)</td>
</tr>
<tr>
<td>PROPRIETARY PIGMENT</td>
<td>1 - 5</td>
<td>PROPRIETARY PIGMENT</td>
</tr>
<tr>
<td>AROMATIC NAPHTHA, LIGHT</td>
<td>1 - 5</td>
<td>Petroleum naphtha, light aromatic</td>
</tr>
<tr>
<td>BUTYLBENZYL PHTHALATE</td>
<td>1 - 5</td>
<td>Butyl benzyl phthalate</td>
</tr>
<tr>
<td>1,2,4-TRIMETHYLBENZENE</td>
<td>1 - 5</td>
<td>PSEUDO CUMENE</td>
</tr>
<tr>
<td>NAPHTHALENE</td>
<td>.1 - 1</td>
<td>Naphthalene</td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>.1 - 1</td>
<td>Ethyl benzene</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:
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 (7° C) TCC/PM

Product ID: U07
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:

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)

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Approx. Weight %</th>
<th>TWA (final)</th>
<th>Ceilings limits (final)</th>
<th>Skin designations</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPRIETARY PIGMENT</td>
<td>10 - 15</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
<td></td>
</tr>
<tr>
<td>BUTYL ACETATE</td>
<td>5 - 10</td>
<td>710 mg/m³</td>
<td>150 ppm</td>
<td></td>
</tr>
<tr>
<td>XYLENE</td>
<td>1 - 5</td>
<td>435 mg/m³</td>
<td>100 ppm</td>
<td></td>
</tr>
<tr>
<td>NAPHTHALENE</td>
<td>.1 - 1</td>
<td>50 mg/m³</td>
<td>10 ppm</td>
<td></td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>.1 - 1</td>
<td>435 mg/m³</td>
<td>100 ppm</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Common Name</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>10 - 15</td>
<td>10 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUTYL ACETATE</td>
<td>5 - 10</td>
<td>150 ppm</td>
<td>200 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>XYLENE</td>
<td>1 - 5</td>
<td>100 ppm</td>
<td>150 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,2,4-TRIMETHYLBENZENE</td>
<td>1 - 5</td>
<td>25 ppm</td>
<td></td>
<td></td>
<td>Can be absorbed through the skin.</td>
</tr>
<tr>
<td>NAPHTHALENE</td>
<td>.1 - 1</td>
<td>10 ppm</td>
<td>15 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>.1 - 1</td>
<td>100 ppm</td>
<td>125 ppm</td>
<td></td>
<td></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:** 12 mmHg @ 68° F (20° C)
- **Vapor density (air = 1.0):** 5
- **Boiling point:** 257° F (125° C)
- **Solubility in water:** Insoluble.
- **Coefficient of water/oil distribution:** Not determined.
- **Density (lbs per US gallon):** 10.12
- **Specific Gravity:** 1.21
- **Evaporation rate (butyl acetate = 1.0):** 1
10. STABILITY AND REACTIVITY

Stability
Conditions to Avoid:
Incompatibility:
Hazardous Polymerization:
Hazardous Decomposition Products:

Stable
None known.
Strong oxidizers.
None anticipated.
Carbon monoxide and carbon dioxide. Metal oxide fumes.

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>NAPHTHALENE</td>
<td>91-20-3</td>
<td>.1 - 1</td>
<td></td>
<td></td>
<td>POSSIBLY CARCINOGENIC IN HUMANS BASED ON ANIMAL STUDIES</td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>.1 - 1</td>
<td></td>
<td></td>
<td>Monograph 77, 2000</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 mouse-negative; female mouse-negative); (PB98-131089: male rat-some evidence; female rat-equivocal evidence)</td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>.1 - 1</td>
<td></td>
<td></td>
<td>male rat-clear evidence; female rat-some evidence; male mice-some evidence; female mice-some evidence</td>
</tr>
<tr>
<td>Common Name</td>
<td>CAS-No.</td>
<td>Approx. Weight %</td>
<td>OSHA Select carcinogens</td>
<td>OSHA Possible select carcinogens</td>
<td>ACGIH Carcinogens</td>
</tr>
<tr>
<td>-------------</td>
<td>---------</td>
<td>------------------</td>
<td>-------------------------</td>
<td>-------------------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>.1 - 1</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

U.S. FEDERAL REGULATIONS:
<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>BUTYL ACETATE</td>
<td>123-86-4</td>
<td>5 - 10</td>
<td></td>
<td></td>
<td>5000</td>
</tr>
<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
<td>1 - 5</td>
<td></td>
<td>form R reporting required for 1.0% de minimis concentration</td>
<td>100</td>
</tr>
<tr>
<td>PROPRIETARY PIGMENT</td>
<td></td>
<td>1 - 5</td>
<td></td>
<td>YES</td>
<td></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></td>
<td>form R reporting required for 1.0% de minimis concentration</td>
<td></td>
</tr>
<tr>
<td>NAPHTHALENE</td>
<td>91-20-3</td>
<td>.1 - 1</td>
<td></td>
<td>form R reporting required for 1.0% de minimis concentration</td>
<td>100</td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>.1 - 1</td>
<td></td>
<td>form R reporting required for 1.0% de minimis concentration</td>
<td>1000</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:**
- BUTYLBENZYL PHTHALATE 85-68-7
- 1,2,4-TRIMETHYLBENZENE 95-63-6
- BUTYL ACETATE 123-86-4
- XYLENE 1330-20-7
- PROPRIETARY PIGMENT Trade Secret
- AROMATIC NAPHTHA, HEAVY 64742-94-5
- AROMATIC NAPHTHA, LIGHT 64742-95-6
- ETHYL 3-ETHOXYPROPIONATE 763-69-9
- PROPRIETARY PIGMENT Trade Secret

**Additional Non-Hazardous Materials**
- PROPRIETARY PIGMENT Trade Secret
- PROPRIETARY RESIN Trade Secret
- PROPRIETARY RESIN 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:**
- All components of this product are listed on the Domestic Substances List.

**Product ID:** U07
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.

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,
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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.