The Valspar Corporation
Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification
Product ID: KU100
Product Name: CATALYST
Product Use: Paint product.
Date Published: 2005/01/08
Revision Date: 2005/01/08

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>Trade Secret: PROPRIETARY RESIN</td>
<td></td>
<td>40 - 45</td>
<td>PROPRIETARY RESIN</td>
</tr>
<tr>
<td>METHYL ISOBUTYL KETONE</td>
<td>108-10-1</td>
<td>15 - 20</td>
<td>Methylisobutyl ketone</td>
</tr>
<tr>
<td>ACETIC ACID ESTER</td>
<td>88230-35-7</td>
<td>15 - 20</td>
<td>Hexanol, acetate, branched and linear</td>
</tr>
<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
<td>10 - 15</td>
<td>Xylenes (o-, m-, p- isomers)</td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>1 - 5</td>
<td>Ethyl benzene</td>
</tr>
<tr>
<td>BUTYL ACETATE</td>
<td>123-86-4</td>
<td>1 - 5</td>
<td>n-Butyl acetate</td>
</tr>
<tr>
<td>AROMATIC NAPHTHA, LIGHT</td>
<td>64742-95-6</td>
<td>1 - 5</td>
<td>Petroleum naphtha, light aromatic</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:
Contains a component which is a known or suspected skin sensitizer.

Acute Ingestion:
Irritation of gastrointestinal tract.

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. Chronic overexposure to isocyanates may cause lung damage which may be permanent. Overexposures may cause certain individuals to develop isocyanate sensitization which causes a reaction in isocyanates below the TLV. May cause eye damage and pain. Possible sensitization.

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, do not induce vomiting. Give large quantities of water. If available, give several glasses of milk. Never give anything by mouth to an unconscious person. Get medical attention immediately. If swallowed, get medical attention immediately.

Medical conditions aggravated by exposure: Any respiratory or skin condition.
5. FIRE FIGHTING MEASURES

- Flash point (Fahrenheit): 81º F (27º C) TCC/PM
- Lower explosive limit: 1 %
- Upper explosive limit: 8 %
- Autoignition temperature: Not available.º F (º 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:
Gloves: Neoprene or other nonporous. Neoprene or plastic apron and protective clothing covering exposed skin areas.

Respiratory protection:

Product ID: KU100
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>Ceilings limits (final)</th>
<th>Skin designations</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHYL ISOBUTYL KETONE</td>
<td>108-10-1</td>
<td>15 - 20</td>
<td>100 ppm TWA; 410 mg/m3 TWA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
<td>10 - 15</td>
<td>100 ppm TWA; 435 mg/m3 TWA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>1 - 5</td>
<td>100 ppm TWA; 435 mg/m3 TWA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUTYL ACETATE</td>
<td>123-86-4</td>
<td>1 - 5</td>
<td>150 ppm TWA; 710 mg/m3 TWA</td>
<td></td>
<td></td>
</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>METHYL ISOBUTYL KETONE</td>
<td>108-10-1</td>
<td>15 - 20</td>
<td>50 ppm TWA</td>
<td>75 ppm STEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
<td>10 - 15</td>
<td>100 ppm TWA</td>
<td>150 ppm STEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>1 - 5</td>
<td>100 ppm TWA</td>
<td>125 ppm STEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUTYL ACETATE</td>
<td>123-86-4</td>
<td>1 - 5</td>
<td>150 ppm TWA</td>
<td>200 ppm STEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AROMATIC NAPHTHA, LIGHT</td>
<td>64742-95-6</td>
<td>1 - 5</td>
<td>100 PPM</td>
<td></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:** 15 mmHG @ 68º F (20º C)

**Vapor density (air = 1.0):** 5

**Boiling point:** 237º F (114º C)

**Solubility in water:** Insoluble.

Product ID: KU100
Coefficient of water/oil distribution: Not determined.
Density (lbs per US gallon): 8.01
Specific gravity (water = 1): .96
Evaporation rate (butyl acetate = 1.0): 1.6

10. STABILITY AND REACTIVITY

Stability: This product is unstable.
Conditions to Avoid: Heat. Heat or contact with peroxides or other catalysts.
Incompatibility: Strong oxidizers.
Hazardous Polymerization: May occur.

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

11. TOXICOLOGICAL INFORMATION

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>1 - 5</td>
<td>IARC Group 1 - Human Evidence</td>
<td>IARC Group 2A - limited human data</td>
<td>IARC Group 2b - sufficient animal data</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Monograph 77, 2000</td>
<td></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>1 - 5</td>
<td>male rat-clear evidence; female rat-some evidence; male mice-some evidence; female mice-some evidence</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></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>
<tbody>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>1 - 5</td>
<td></td>
<td>Monograph 77, 2000 IARC - Group 2B (Possibly carcinogenic to humans)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></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: III

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: III

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

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

<table>
<thead>
<tr>
<th>Common Name</th>
<th>CAS #</th>
<th>Approx Wt%</th>
<th>SARA 302</th>
<th>SARA 313</th>
<th>CERCLA RQ IN LBS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHYL ISOBUTYL KETONE</td>
<td>108-10-1</td>
<td>15 - 20</td>
<td>form R reporting</td>
<td>required for 1.0% de minimis concentration</td>
<td>5000</td>
</tr>
<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
<td>10 - 15</td>
<td>form R reporting</td>
<td>required for 1.0% de minimis concentration</td>
<td>100</td>
</tr>
<tr>
<td>ETHYLBENZENE</td>
<td>100-41-4</td>
<td>1 - 5</td>
<td>form R reporting</td>
<td>required for 1.0% de minimis concentration</td>
<td>1000</td>
</tr>
<tr>
<td>BUTYL ACETATE</td>
<td>123-86-4</td>
<td>1 - 5</td>
<td></td>
<td></td>
<td>5000</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:

Product ID: KU100
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
- Health: 3
- Flammability: 3
- Reactivity: 2
- 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:
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