

The Valspar Corporation Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: KOP1
Product Name: PURPLE PASSION KAMELEON OPAL
Product Use: Chemical intermediate.
Print date: 27/Sep/2005
Revision Date: 26/May/2005

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

| Common Name CAS-No. | Approx. Weight % | Chemical name |
|--|---------------------|---------------------|
| PROPRIETARY INERT | 70 - 75 | PROPRIETARY INERT |
| ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2 | 5 - 10 | 2-Butoxyethanol |
| PROPRIETARY PIGMENT | 5 - 10 | PROPRIETARY PIGMENT |
| PROPRIETARY PIGMENT | 1 - 5 | PROPRIETARY PIGMENT |
| PROPRIETARY INERT | 1 - 5 | PROPRIETARY INERT |

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:

May result in coughing and sneezing. May irritate the lungs. Exposure to dust particles generated from this material causes irritation of the respiratory tract. Harmful if inhaled. May affect the brain, nervous system, or respiratory system, causing dizziness, headache, nausea or respiratory irritation. May irritate mouth, nose, and throat. May result in coughing.

Eye Contact:

May cause moderate eye irritation.

Skin Contact:

May cause moderate skin irritation. Harmful if absorbed through the skin.

Acute Ingestion:

None known

Other Effects:

None known

This product contains ingredients that may contribute to the following potential chronic health effects:

Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis). 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. Contains glycol ether which has been shown to cause blood effects damage in laboratory animals. 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. Move person to fresh air.

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. 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. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean contaminated shoes. Flush skin with large amounts of water. If irritation persists, get medical attention.

Ingestion:

If swallowed, get medical attention immediately.

Medical conditions aggravated by exposure: Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

| | |
|----------------------------------|---|
| Flash point (Fahrenheit): | 151° F (66° C) TCC/PM |
| Lower explosive limit: | 1 % |
| Upper explosive limit: | 11 % |
| Autoignition temperature: | Not available. ° F (° C) |
| Sensitivity to impact: | No. |
| Sensitivity to static discharge: | Not typically sensitive 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. 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)**

| Common Name CAS-No. | Approx. Weight % | TWA (final) | Ceilings limits (final) | Skin designations |
|--|---------------------|--|-------------------------|-----------------------------------|
| PROPRIETARY INERT | 70 - 75 | 5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust. Respirable fraction. Listed. Total dust. Listed. | | |
| ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2 | 5 - 10 | 240 mg/m ³ 50 ppm | | Can be absorbed through the skin. |
| PROPRIETARY PIGMENT | 5 - 10 | 5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust. Respirable fraction. Listed. Total dust. Listed. | | |
| PROPRIETARY PIGMENT | 1 - 5 | 5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust. Respirable fraction. Listed. Total dust. Listed. | | |
| PROPRIETARY INERT | 1 - 5 | 5 mg/m ³ Zr | | |

ACGIH Threshold Limit Value (TLV's)

| Common Name CAS-No. | Approx. Weight % | TWA | STEL | Ceiling limits | Skin designations |
|--|---------------------|---|-------------------------|----------------|-------------------|
| PROPRIETARY INERT | 70 - 75 | 10 mg/m ³ Inhalable particles. 3 mg/m ³ Respirable particles. | | | |
| ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2 | 5 - 10 | 20 ppm | | | |
| PROPRIETARY PIGMENT | 5 - 10 | 10 mg/m ³ Inhalable particles. 3 mg/m ³ Respirable particles. | | | |
| PROPRIETARY PIGMENT | 1 - 5 | 10 mg/m ³ Inhalable particles. 3 mg/m ³ Respirable particles. 2 mg/m ³ Sn_ | | | |
| PROPRIETARY INERT | 1 - 5 | 5 mg/m ³ Zr | 10 mg/m ³ Zr | | |

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: | 1 mmHG @ 68° F (20° C) |
| Vapor density (air = 1.0): | 4.1 |
| Boiling point: | 340° F (171° C) |
| Solubility in water: | Slightly Soluble |
| Coefficient of water/oil distribution: | Not determined. |
| Density (lbs per US gallon): | 18.75 |
| Specific Gravity | 2.25 |
| Evaporation rate (butyl acetate = 1.0): | .1 |

10. STABILITY AND REACTIVITY

| | |
|-----------------------------------|--|
| Stability | Stable |
| Conditions to Avoid: | None known. |
| Incompatibility: | Strong oxidizers. |
| Hazardous Polymerization: | None anticipated. |
| Hazardous Decomposition Products: | Silicon dioxide. Carbon monoxide and carbon dioxide. Metal oxide fumes. |

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

11. TOXICOLOGICAL INFORMATION

Mutagens:

Teratogens:

Carcinogens:

| Common Name CAS-No. | Approx. Weight % | OSHA Select carcinogens | OSHA Possible select carcinogens | ACGIH Carcinogens |
|--|---------------------|----------------------------|-------------------------------------|---|
| ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2 | 5 - 10 | | | Group A3 Confirmed animal carcinogen with unknown relevance to humans. |

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:

| Common Name CAS-No. | Approx. Weight % | SARA 302 | SARA 313 | CERCLA RQ IN LBS. |
|--|---------------------|----------|----------|-------------------|
| ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2 | 5 - 10 | | YES | |

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 INERT | Trade Secret |
| PROPRIETARY PIGMENT | Trade Secret |
| ETHYLENE GLYCOL MONOBUTYL ETHER | 111-76-2 |
| PROPRIETARY PIGMENT | Trade Secret |
| PROPRIETARY INERT | Trade Secret |

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: 2
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:

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