

The Valspar Corporation

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: KOP5
Product Name: BAHAMIAN SUNSET KAMELEON OPAL
Product Use: Chemical intermediate.
Print date: 27/Sep/2005
Revision Date: 03/Feb/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	55 - 60	PROPRIETARY INERT
ALUMINUM 7429-90-5	15 - 20	Aluminum
PROPRIETARY PIGMENT	10 - 15	PROPRIETARY PIGMENT
PROPYLENE GLYCOL MONO PROPYL ETHER 1569-01-3	5 - 10	2-Propanol, 1-propoxy-

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 cause 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.

Eye Contact:

May irritate eyes. Corneal Injury/eye damage. May cause moderate eye irritation.

Skin Contact:

May cause skin irritation.

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. Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis). May cause eye damage and pain. 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, 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

Flash point (Fahrenheit):	401° F (205° C) TCC/PM
Lower explosive limit:	1 %
Upper explosive limit:	17 %
Autoignition temperature:	Not available. ° F (° C)
Sensitivity to impact:	No.
Sensitivity to static discharge:	Can be sensitive to static discharge hazards. Please see bonding and grounding information in Section 7. Sensitivity to static discharge is not expected.
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:

This coating contains aluminum pigment, store in a dry area. Aluminum may react with water, acids and caustics slowly producing gas and heat. In a sealed drum this may cause a pressure build-up over a period of time and drum should be vented before opening.

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)

Common Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
PROPRIETARY INERT	55 - 60	5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust. Respirable fraction. Listed. Total dust. Listed.		
ALUMINUM 7429-90-5	15 - 20	15 mg/m ³ Total dust. Al 5 mg/m ³ Respirable dust. Al 5 mg/m ³ Respirable fraction. Respirable fraction. Listed. Total dust. Listed.		
PROPRIETARY PIGMENT	10 - 15	10 mg/m ³ Fume. 5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust. Respirable fraction. Listed. Total dust. Listed.		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
PROPRIETARY INERT	55 - 60	10 mg/m ³ Inhalable particles. 3 mg/m ³ Respirable particles.			
ALUMINUM 7429-90-5	15 - 20	10 mg/m ³ Dust. 5 mg/m ³ Pyrophoric powder. Al 10 mg/m ³ Inhalable particles. 3 mg/m ³ Respirable particles.			
PROPRIETARY PIGMENT	10 - 15	5 mg/m ³ Dust and fume. Fe 10 mg/m ³ Inhalable particles. 3 mg/m ³ Respirable particles. 10 mg/m ³ The value is for particulate matter containing no asbestos and <1% crystalline silica.			

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 @ 68° F (20° C)
Vapor density (air = 1.0):	4
Boiling point:	302° F (150° C)
Solubility in water:	Slightly Soluble
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	19.17
Specific Gravity	2.3
Evaporation rate (butyl acetate = 1.0):	.2

10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to Avoid:	This product may react with water, acids, and caustics, slowly producing gas and heat.
Incompatibility:	Strong oxidizers.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Silicon dioxide. Carbon monoxide and carbon dioxide. Metal oxide fumes.

Sensitivity to static discharge: Can be sensitive to static discharge hazards. Please see bonding and grounding information in Section 7. Sensitivity to static discharge is not expected.

11. TOXICOLOGICAL INFORMATION

Mutagens:

Teratogens:

Carcinogens:

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.
ALUMINUM 7429-90-5	15 - 20		form R reporting required for 1.0% de minimis concentration (fume or dust only)	

SARA 311/312 Hazard Class:

Acute: Yes
Chronic: Yes
Flammability: No
Reactivity: No
Sudden Pressure: No

U.S. STATE REGULATIONS:

Pennsylvania Right To Know:

PROPRIETARY PIGMENT	Trade Secret
PROPYLENE GLYCOL MONO PROPYL ETHER	1569-01-3
ALUMINUM (CAS # 7429-90-5) FOR REG USE ONLY	7429-90-5
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: 1
Flammability: 1
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.