

# The Valspar Corporation

## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Material Identification

**Product ID:** KDP2004  
Product Name: COPPER PENNY KOSMIC PEARL  
Product Use: Chemical intermediate.  
Date Published: 2004/10/09  
Revision Date: 2004/01/23

#### 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<br>CAS #                               | Approx<br>Wt% | Chemical name          |
|--|---------------|------------------------|
| ALUMINUM OXIDE<br>1344-28-1                        | 50 - 55       | PROPRIETARY INERT      |
| IRON OXIDE<br>1309-37-1                            | 35 - 40       | PROPRIETARY PIGMENT    |
| PROPYLENE GLYCOL<br>MONO PROPYL ETHER<br>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:

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. Exposure to dust particles generated from this material causes

irritation of the respiratory tract. Exposure to dust or fume may cause irritation of the respiratory tract.

**Eye Contact:**

Corneal Injury/eye damage. May cause moderate eye irritation. Causes mild eye irritation . May cause abrasive injury. May irritate eyes.

**Skin Contact:**

Causes mild skin irritation. May cause mechanical injury. May cause skin irritation.

**Acute Ingestion:**

If ingested this product may cause some gastrointestinal distress. May cause digestive tract irritation.

**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. 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 inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

**Eye Contact:**

Flush with plenty of low pressure water for 15 minutes, occasionally lifting eye lids. If irritation persists, consult a physician.

**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, give 2 glasses of water to drink. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

**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: | 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. 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:**

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 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)**

| Common Name<br>CAS #        | Approx<br>Wt% | TWA (final)  | Ceilings limits (final) | Skin designations |
|-----------------------------|---------------|--|-------------------------|-------------------|
| ALUMINUM OXIDE<br>1344-28-1 | 50 - 55       | 15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction) |                         |                   |
| IRON OXIDE<br>1309-37-1     | 35 - 40       | 10 mg/m <sup>3</sup> TWA   |                         |                   |

## ACGIH Threshold Limit Value (TLV's)

| Common Name<br>CAS #        | Approx<br>Wt% | TWA   | STEL | Ceiling limits | Skin<br>designations |
|-----------------------------|---------------|---|------|----------------|----------------------|
| ALUMINUM OXIDE<br>1344-28-1 | 50 - 55       | 10 mg/m <sup>3</sup> TWA<br>(as Al) (The value<br>is for total dust<br>containing no<br>asbestos and <<br>1% crystalline<br>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 (weight per gallon):            | 25.49                         |
| Specific gravity (water = 1):           | 3.06                          |
| Evaporation rate (butyl acetate = 1.0): | .2                            |

## 10. STABILITY AND REACTIVITY

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Stability:                        | This product is stable.             |
| Conditions to Avoid:              | None known.                         |
| Incompatibility:                  | Strong oxidizers.                   |
| Hazardous Polymerization:         | None anticipated.                   |
| Hazardous Decomposition Products: | Carbon monoxide and carbon dioxide. |

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

## 11. TOXICOLOGICAL INFORMATION

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:

#### SARA 311/312 Hazard Class:

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

### U.S. STATE REGULATIONS:

#### Pennsylvania Right To Know:

|                                    |           |
|------------------------------------|-----------|
| ALUMINUM OXIDE                     | 1344-28-1 |
| IRON OXIDE                         | 1309-37-1 |
| PROPYLENE GLYCOL MONO PROPYL ETHER | 1569-01-3 |

**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:** Not all components in this product are listed on the Domestic Substances List.

## 16. OTHER INFORMATION

### HMIS Codes

Product ID: KDP2004

**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.

**Disclaimer:**

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