

# The Valspar Corporation

## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Material Identification

**Product ID:** 451.0015730.076  
Product Name: 015730 RED OX SAND PRM 12U  
Product Use: Paint product.  
Print date: 09/Feb/2006  
Revision Date: 04/Feb/2006

#### Company Identification

The Valspar Corporation - Architectural Coatings Division  
1000 Lake Road  
Medina, OH 44256  
Manufacturer's Phone: 1-330-725-4511

**24-Hour Medical Emergency Phone:** 1-888-345-5732

### 2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS-No.	Approx. Weight %	Chemical name
DIMETHYL KETONE 67-64-1	35 - 40	ACETONE
PROPANE 74-98-6	10 - 15	Propane
ISOBUTYL ACETATE 110-19-0	5 - 10	Isobutyl acetate
BUTANE 106-97-8	5 - 10	Butane
ETHYL ACETATE 141-78-6	1 - 5	Ethylacetate
SILICON DIOXIDE 14808-60-7	1 - 5	QUARTZ (SiO <sub>2</sub> )
PROPRIETARY INERT	1 - 5	PROPRIETARY INERT
TOLUENE 108-88-3	1 - 5	Toluene
PROPRIETARY PIGMENT	1 - 5	PROPRIETARY PIGMENT
METHYL ISOBUTYL KETONE 108-10-1	1 - 5	Methylisobutyl ketone
ETHYL 3- ETHOXYPROPIONATE 763-69-9	1 - 5	Ethyl 3-ethoxypropionate
ACETIC ACID ESTER 88230-35-7	1 - 5	Hexanol, acetate, branched and linear
XYLENE (W/ ANTI-STATIC) 1330-20-7	1 - 5	Xylenes (o-, m-, p- isomers)
METHYL ETHYL KETONE 78-93-3	1 - 5	Methyl ethyl ketone
ETHYLBENZENE 100-41-4	.1 - 1	Ethyl benzene

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:

Corneal Injury/eye damage. Causes eye irritation.

#### Skin Contact:

May cause moderate skin irritation.

**Acute Ingestion:**

May be harmful if swallowed.

**Other Effects:**

May cause central nervous system depression. May cause kidney damage. May cause liver 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. Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis). Prolonged and/or repeated contact can result in skin irritation. May cause skin drying with prolonged exposure. Possible birth defects hazard. Contains ingredients which may cause birth defects based on animal data. 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. 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):	-31° F ( -35° C) TCC/PM
Lower explosive limit:	1 %
Upper explosive limit:	13 %
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:	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. 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)

Common Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
DIMETHYL KETONE 67-64-1	35 - 40	2400 mg/m <sup>3</sup> 1000 ppm		
PROPANE 74-98-6	10 - 15	1800 mg/m <sup>3</sup> 1000 ppm		
ISOBUTYL ACETATE 110-19-0	5 - 10	700 mg/m <sup>3</sup> 150 ppm		
ETHYL ACETATE 141-78-6	1 - 5	1400 mg/m <sup>3</sup> 400 ppm		
SILICON DIOXIDE 14808-60-7	1 - 5	Respirable. Listed. Total dust. Listed.		
PROPRIETARY INERT	1 - 5	Respirable. Listed. Total dust. Listed.		
TOLUENE 108-88-3	1 - 5	200 ppm	300 ppm	
PROPRIETARY PIGMENT	1 - 5	10 mg/m <sup>3</sup> Fume.		
METHYL ISOBUTYL KETONE 108-10-1	1 - 5	410 mg/m <sup>3</sup> 100 ppm		
XYLENE (W/ ANTI-STATIC) 1330-20-7	1 - 5	435 mg/m <sup>3</sup> 100 ppm		
METHYL ETHYL KETONE 78-93-3	1 - 5	590 mg/m <sup>3</sup> 200 ppm		
ETHYLBENZENE 100-41-4	.1 - 1	435 mg/m <sup>3</sup> 100 ppm		

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

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
DIMETHYL KETONE 67-64-1	35 - 40	500 ppm	750 ppm		
PROPANE 74-98-6	10 - 15	1000 ppm			
ISOBUTYL ACETATE 110-19-0	5 - 10	150 ppm			
BUTANE 106-97-8	5 - 10	1000 ppm			
ETHYL ACETATE 141-78-6	1 - 5	400 ppm			
SILICON DIOXIDE 14808-60-7	1 - 5	0.05 mg/m <sup>3</sup> Respirable fraction.			
PROPRIETARY INERT	1 - 5	2 mg/m <sup>3</sup> Respirable fraction. The value is for particulate matter containing no asbestos and <1% crystalline silica.			
TOLUENE 108-88-3	1 - 5	50 ppm			Can be absorbed through the skin.
PROPRIETARY PIGMENT	1 - 5	5 mg/m <sup>3</sup> Dust and fume. Fe			
METHYL ISOBUTYL KETONE 108-10-1	1 - 5	50 ppm	75 ppm		
XYLENE (W/ ANTI-STATIC) 1330-20-7	1 - 5	100 ppm	150 ppm		
METHYL ETHYL KETONE 78-93-3	1 - 5	200 ppm	300 ppm		
ETHYLBENZENE 100-41-4	.1 - 1	100 ppm	125 ppm		

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:	NOT DETERMINED mmHG @ 68° F ( 20° C)
Vapor density (air = 1.0):	5
Boiling point:	-42° F ( -41° C)
Solubility in water:	Not determined.
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	6.83
Specific Gravity	.82
Evaporation rate (butyl acetate = 1.0):	5.6

## 10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to Avoid:	None known.
Incompatibility:	Strong oxidizers.

Hazardous Polymerization:  
 Hazardous Decomposition Products:

None anticipated.  
 Silicon dioxide. Carbon monoxide and carbon dioxide.

**Sensitivity to static discharge:**

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

## 11. TOXICOLOGICAL INFORMATION

### Mutagens:

Common Name CAS-No.	Approx. Weight %	Calif- Prop. 65. Developmental Toxicity	California Prop 65 - reproductive male
TOLUENE 108-88-3	1 - 5	Listed: January 1, 1991 Developmental toxin.	

### 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. Contains crystalline silica. The IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (group 1). Refer to IARC monograph 68 in conjunction with the use of these materials. Risk of cancer depends on the duration and level of exposure. In coatings products, risk is due primarily to inhalation of sanding dusts or respirable particles in spray mists. The NTP has also determined that crystalline silica is a known human carcinogen in the form of fine, breathable particles. Risk of cancer depends on duration and level of exposure in coatings products, risk is due primarily to inhalation of sanding dust or respirable particles in spray mist.

Common Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - limited human data	IARC Group 2b - sufficient animal data
SILICON DIOXIDE 14808-60-7	1 - 5	Monograph 68, 1997; (inhaled in the form of quartz or cristobalite from occupational sources)		
ETHYLBENZENE 100-41-4	.1 - 1			Monograph 77, 2000

Common Name CAS-No.	Approx. Weight %	NTP Known carcinogens	NTP Suspect carcinogens	NTP Evidence of carcinogenicity
SILICON DIOXIDE 14808-60-7	1 - 5	Known carcinogen.		
PROPRIETARY INERT	1 - 5			YES
TOLUENE 108-88-3	1 - 5			MALE RAT - NO EVIDENCE; FEMALE RAT - NO EVIDENCE; MALE MICE - NO EVIDENCE; FEMALE MICE - NO EVIDENCE.
ETHYLBENZENE 100-41-4	.1 - 1			male rat-clear evidence; female rat-some evidence; male mice- some evidence; female mice-some evidence

Common Name CAS-No.	Approx. Weight %	OSHA Select carcinogens	OSHA Possible select carcinogens	ACGIH Carcinogens
SILICON DIOXIDE 14808-60-7	1 - 5			Group A2 Suspected human carcinogen.
ETHYLBENZENE 100-41-4	.1 - 1			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: CONSUMER COMMODITY ORM-D  
UN ID Number: CONCOM

### 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: AEROSOLS, FLAMMABLE  
Hazard Class: 2.1  
UN ID Number: UN1950

### International Maritime Organization:

Proper Shipping Name: AEROSOLS  
Hazard Class: 2  
UN ID Number: UN1950

## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

Common Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ IN LBS.
DIMETHYL KETONE 67-64-1	35 - 40			5000
ISOBUTYL ACETATE 110-19-0	5 - 10			5000
ETHYL ACETATE 141-78-6	1 - 5			5000
TOLUENE 108-88-3	1 - 5		form R reporting required for 1.0% de minimis concentration	1000
METHYL ISOBUTYL KETONE 108-10-1	1 - 5		form R reporting required for 1.0% de minimis concentration	5000
XYLENE (W/ ANTI-STATIC) 1330-20-7	1 - 5		form R reporting required for 1.0% de minimis concentration	100
METHYL ETHYL KETONE 78-93-3	1 - 5			5000
ETHYLBENZENE 100-41-4	.1 - 1		form R reporting required for 1.0% de minimis concentration	1000

**SARA 311/312 Hazard Class:**

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

**U.S. STATE REGULATIONS:**

**Pennsylvania Right To Know:**

BUTANE	106-97-8
METHYL ISOBUTYL KETONE	108-10-1
TOLUENE	108-88-3
ISOBUTYL ACETATE	110-19-0
PROPRIETARY PIGMENT	Trade Secret
XYLENE (W/ ANTI-STATIC)	1330-20-7
ETHYL ACETATE	141-78-6
PROPRIETARY INERT	Trade Secret
SILICON DIOXIDE	14808-60-7
DIMETHYL KETONE	67-64-1
PROPANE	74-98-6
ETHYL 3-ETHOXYPROPIONATE	763-69-9
METHYL ETHYL KETONE	78-93-3
ACETIC ACID ESTER	88230-35-7

**Additional Non-Hazardous Materials**

PROPRIETARY RESIN Trade Secret

**California Proposition 65:**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**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**

<b>Health:</b>	2
<b>Flammability:</b>	4
<b>Reactivity:</b>	1
<b>PPE:</b>	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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