

The Valspar Corporation

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: NVS3100
Product Name: VALTEC PC VINYL LAC SAND SEAL 680 LH
Product Use: Paint product.
Print date: 12/Jun/2007
Revision Date: 12/Jun/2007

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
BUTYL ACETATE 123-86-4	25 - 30	n-Butyl acetate
DIMETHYL KETONE 67-64-1	15 - 20	ACETONE
TOLUENE 108-88-3	10 - 15	Toluene
ETHANOL 64-17-5	5 - 10	Ethyl alcohol
PROPRIETARY RESIN	5 - 10	PROPRIETARY RESIN
ISOPROPYL ALCOHOL 67-63-0	1 - 5	Isopropyl alcohol
ISOBUTYL ALCOHOL 78-83-1	1 - 5	Isobutyl alcohol
N-BUTYL ALCOHOL 71-36-3	1 - 5	n-Butyl alcohol
XYLENE 1330-20-7	1 - 5	Xylenes (o-, m-, p- isomers)
ETHYLBENZENE 100-41-4	.1 - 1	Ethyl benzene
FORMALDEHYDE 50-00-0	0 - .1	Formaldehyde

If this section is blank there are no hazardous components per OSHA guidelines.

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion

3. HAZARDS IDENTIFICATION

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. May cause eye burns. Causes eye irritation.

Skin Contact:

Contains a component which is a known or suspected skin sensitizer. Harmful if absorbed through the skin.

Acute Ingestion:

None known

Other Effects:

May cause central nervous system depression. 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. This product contains ingredients which may produce an allergic respiratory response. Treat as a respiratory sensitizer. May cause eye damage and pain. Contains a component which is a known or suspected skin sensitizer. Possible birth defects hazard. Contains ingredients which may cause birth defects based on animal data. May cause kidney damage. Hearing loss. May cause liver damage. Possible sensitization. Suspect cancer hazard. Contains ingredients which may cause cancer. Risk of cancer depends upon the duration and level of exposure. Contains formaldehyde which is considered a potential carcinogen by the Occupational Health and Safety Administration.

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. If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get 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. Get immediate medical attention. If swallowed, get medical attention immediately.

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

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	1° F (-17° C) TCC/PM
Lower explosive limit:	1 %
Upper explosive limit:	21 %
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:

Contaminated rags, wipes, saw dust, etc., may catch fire spontaneously. Store waste under water in closed metal containers until disposed of in compliance with applicable regulations. Contains oxidizable materials.

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 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:

Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

Skin protection:

Gloves: Neoprene or other nonporous. Neoprene or plastic apron and protective clothing covering exposed skin 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
BUTYL ACETATE 123-86-4	25 - 30	710 mg/m ³ 150 ppm		
DIMETHYL KETONE 67-64-1	15 - 20	2400 mg/m ³ 1000 ppm		
TOLUENE 108-88-3	10 - 15	200 ppm	300 ppm	
ETHANOL 64-17-5	5 - 10	1900 mg/m ³ 1000 ppm		
ISOPROPYL ALCOHOL 67-63-0	1 - 5	980 mg/m ³ 400 ppm		
ISOBUTYL ALCOHOL 78-83-1	1 - 5	300 mg/m ³ 100 ppm		
N-BUTYL ALCOHOL 71-36-3	1 - 5	300 mg/m ³ 100 ppm		
XYLENE 1330-20-7	1 - 5	435 mg/m ³ 100 ppm		
ETHYLBENZENE 100-41-4	.1 - 1	435 mg/m ³ 100 ppm		
FORMALDEHYDE 50-00-0	0 - .1	0.75 ppm		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
BUTYL ACETATE 123-86-4	25 - 30	150 ppm	200 ppm		
DIMETHYL KETONE 67-64-1	15 - 20	500 ppm	750 ppm		
TOLUENE 108-88-3	10 - 15	50 ppm			Can be absorbed through the skin.
ETHANOL 64-17-5	5 - 10	1000 ppm			
ISOPROPYL ALCOHOL 67-63-0	1 - 5	200 ppm	400 ppm		
ISOBUTYL ALCOHOL 78-83-1	1 - 5	50 ppm			
N-BUTYL ALCOHOL 71-36-3	1 - 5	20 ppm			
XYLENE 1330-20-7	1 - 5	100 ppm	150 ppm		
ETHYLBENZENE 100-41-4	.1 - 1	100 ppm	125 ppm		
FORMALDEHYDE 50-00-0	0 - .1			0.3 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:	182 mmHG @ 68° F (20° C)
Vapor density (air = 1.0):	4
Boiling point:	133° F (56° C)
Solubility in water:	Insoluble. Soluble
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	7.62
Specific Gravity:	.91
Evaporation rate (butyl acetate = 1.0):	5.6

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	None known.
Incompatibility:	Strong oxidizers.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide. Nitrogen compounds.

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 %	California Prop 65 - Developmental Toxicity	California Prop 65 - Reproductive (Male)
TOLUENE 108-88-3	10 - 15	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.

Common Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
ETHYLBENZENE 100-41-4	.1 - 1			Monograph 77, 2000
FORMALDEHYDE 50-00-0	0 - .1	MONOGRAPH 62, 1995		

Common Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity

TOLUENE 108-88-3	10 - 15			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
FORMALDEHYDE 50-00-0	0 - .1		Anticipated carcinogen.	

Common Name CAS-No.	Approx. Weight %	OSHA Select Carcinogens	OSHA Possible Select Carcinogens	ACGIH Carcinogens
ETHYLBENZENE 100-41-4	.1 - 1			Group A3 Confirmed animal carcinogen with unknown relevance to humans.
FORMALDEHYDE 50-00-0	0 - .1		Potential cancer hazard.	Group A2 Suspected human carcinogen.

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: II

U.S. Highway & Rail Shipments

The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

International Air Transport Association:

Proper Shipping Name: Paint
Hazard Class: 3
UN ID Number: UN1263
Packing Group: II

International Maritime Organization:

Proper Shipping Name: PAINT
Hazard Class: 3
Non-Bulk UN ID Number: UN1263

15. REGULATORY INFORMATION**U.S. FEDERAL REGULATIONS:**

Common Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
BUTYL ACETATE 123-86-4	25 - 30			5000
DIMETHYL KETONE 67-64-1	15 - 20			5000
TOLUENE 108-88-3	10 - 15		form R reporting required for 1.0% de minimis concentration	1000
ISOBUTYL ALCOHOL 78-83-1	1 - 5			5000
N-BUTYL ALCOHOL 71-36-3	1 - 5		form R reporting required for 1.0% de minimis concentration	5000
XYLENE 1330-20-7	1 - 5		form R reporting required for 1.0% de minimis concentration	100
ETHYLBENZENE 100-41-4	.1 - 1		form R reporting required for 1.0% de minimis concentration	1000
FORMALDEHYDE 50-00-0	0 - .1	Listed.	form R reporting required for 0.1% de minimis concentration	100

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 RESIN	Trade Secret
ISOBUTYL ALCOHOL	78-83-1
FORMALDEHYDE	50-00-0
ETHANOL	64-17-5
ISOPROPYL ALCOHOL	67-63-0
DIMETHYL KETONE	67-64-1
N-BUTYL ALCOHOL	71-36-3
TOLUENE	108-88-3
BUTYL ACETATE	123-86-4
XYLENE	1330-20-7

Additional Non-Hazardous Materials

PROPRIETARY RESIN	Trade Secret
PROPRIETARY ADDITIVE	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:

All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health:	3
Flammability:	3
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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