

# The Valspar Corporation

## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Material Identification

**Product ID:** **NAW1302**  
 Product Name: LUSTER LAC PRO W LAC 680-20  
 Product Use: Paint product.  
 Print date: 06/Feb/2007  
 Revision Date: 12/Jan/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	20 - 25	n-Butyl acetate
TOLUENE 108-88-3	20 - 25	Toluene
TITANIUM DIOXIDE 13463-67-7	10 - 15	Titanium dioxide
VM&P NAPHTHA 64742-89-8	5 - 10	SOLVENT NAPHTHA, PETROLEUM, LIGHT ALIPH
DIMETHYL KETONE 67-64-1	5 - 10	ACETONE
PROPRIETARY RESIN	1 - 5	PROPRIETARY RESIN
METHYL ALCOHOL 67-56-1	1 - 5	Methyl alcohol
TALC 14807-96-6	1 - 5	TALC (MG3H2(SI03)4)
ISOPROPYL ALCOHOL 67-63-0	1 - 5	Isopropyl alcohol
ISOBUTYL ALCOHOL 78-83-1	1 - 5	Isobutyl alcohol
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	2-Butoxyethanol
XYLENE 1330-20-7	1 - 5	Xylenes (o-, m-, p- isomers)
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. May cause eye burns.

##### Skin Contact:

Harmful if absorbed through the skin.

##### Acute Ingestion:

May be fatal or cause blindness if swallowed.

##### Other Effects:

May cause central nervous system depression. May cause kidney damage. Contains ingredient which is considered highly toxic. 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. May cause eye damage and pain. 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 kidney damage. May cause liver damage. Contains glycol ether which has been shown to cause blood effects damage in laboratory animals.

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:

Get immediate medical attention. Poison! Get medical attention immediately. 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):	22° F ( -6° C) TCC/PM
Lower explosive limit:	1 %
Upper explosive limit:	36 %
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 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
BUTYL ACETATE 123-86-4	20 - 25	710 mg/m <sup>3</sup> 150 ppm		
TOLUENE 108-88-3	20 - 25	200 ppm	300 ppm	
TITANIUM DIOXIDE 13463-67-7	10 - 15	15 mg/m <sup>3</sup> Total dust.		
DIMETHYL KETONE 67-64-1	5 - 10	2400 mg/m <sup>3</sup> 1000 ppm		
METHYL ALCOHOL 67-56-1	1 - 5	260 mg/m <sup>3</sup> 200 ppm		
TALC 14807-96-6	1 - 5	Respirable. Listed. Total dust. Listed.		
ISOPROPYL ALCOHOL 67-63-0	1 - 5	980 mg/m <sup>3</sup> 400 ppm		
ISOBUTYL ALCOHOL 78-83-1	1 - 5	300 mg/m <sup>3</sup> 100 ppm		
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	240 mg/m <sup>3</sup> 50 ppm		Can be absorbed through the skin.
XYLENE 1330-20-7	1 - 5	435 mg/m <sup>3</sup> 100 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
BUTYL ACETATE 123-86-4	20 - 25	150 ppm	200 ppm		
TOLUENE 108-88-3	20 - 25	50 ppm			Can be absorbed through the skin.
TITANIUM DIOXIDE 13463-67-7	10 - 15	10 mg/m <sup>3</sup>			
DIMETHYL KETONE 67-64-1	5 - 10	500 ppm	750 ppm		
METHYL ALCOHOL 67-56-1	1 - 5	200 ppm	250 ppm		Can be absorbed through the skin.

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
TALC 14807-96-6	1 - 5	2 mg/m <sup>3</sup> Respirable fraction. The value is for particulate matter containing no asbestos and <1% crystalline silica.			
ISOPROPYL ALCOHOL 67-63-0	1 - 5	200 ppm	400 ppm		
ISOBUTYL ALCOHOL 78-83-1	1 - 5	50 ppm			
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	20 ppm			
XYLENE 1330-20-7	1 - 5	100 ppm	150 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:	182 mmHG @ 68° F ( 20° C)
Vapor density (air = 1.0):	4.1
Boiling point:	133° F ( 56° C)
Solubility in water:	Slightly Soluble
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	8.37
Specific Gravity:	1
Evaporation rate (butyl acetate = 1.0):	5.9

## 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. Metal oxide fumes.

**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	20 - 25	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 TIO2 which is listed by IARC as a possible human carcinogen (Group 2B) based on animal data. Neither long term animal studies, nor human epidemiology studies of workers exposed to TIO2 provide an adequate basis to conclude TIO2 is carcinogenic. TIO2 is not classified as a carcinogen by NTP, U.S. OSHA, or the U.S. EPA.

Common Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
TITANIUM DIOXIDE 13463-67-7	10 - 15			2B Possible Carcinogen
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
TALC 14807-96-6	1 - 5			male rat-some evidence; female rat-clear 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
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5			Group A3 Confirmed animal carcinogen with unknown relevance to humans.
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: PAINT  
 Hazard Class: 3  
 UN ID Number: UN1263  
 Packing Group: II

**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: 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  
 Packing Group: II

**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	20 - 25			5000
TOLUENE 108-88-3	20 - 25		form R reporting required for 1.0% de minimis concentration	1000
DIMETHYL KETONE 67-64-1	5 - 10			5000
METHYL ALCOHOL 67-56-1	1 - 5		form R reporting required for 1.0% de minimis concentration	5000
ISOBUTYL ALCOHOL 78-83-1	1 - 5			5000
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5		YES	
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

**SARA 311/312 Hazard Class:**

Acute: Yes  
 Chronic: Yes  
 Flammability: Yes  
 Reactivity: No

Sudden Pressure: No

## U.S. STATE REGULATIONS:

### Pennsylvania Right To Know:

ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2
BUTYL ACETATE	123-86-4
XYLENE	1330-20-7
VM&P NAPHTHA	64742-89-8
METHYL ALCOHOL	67-56-1
ISOPROPYL ALCOHOL	67-63-0
DIMETHYL KETONE	67-64-1
TOLUENE	108-88-3
TITANIUM DIOXIDE	13463-67-7
TALC	14807-96-6
ISOBUTYL ALCOHOL	78-83-1
PROPRIETARY RESIN	Trade Secret

### 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** 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

<b>Health:</b>	2
<b>Flammability:</b>	3
<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:**

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.