



## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

**Product ID:** LWS4750  
Product Name: ZENITH WATERBORNE GLAZE BASE  
Product Use: Paint product.  
Print date: 24/Mar/2010  
Revision Date: 11/May/2009

#### Company Identification

The Valspar Corporation  
PO Box 1461  
Minneapolis, MN 55440

**Manufacturer's Phone:** 1-612-332-7371

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

### 2. HAZARDS IDENTIFICATION

#### Primary Routes of Exposure:

Inhalation  
Ingestion  
Skin absorption

#### Eye Contact:

- Moderate eye irritation

#### Skin Contact:

- Causes skin irritation.

#### Ingestion:

- Irritation of the mouth, throat, and stomach.

#### Inhalation:

- May cause irritation of respiratory tract.
- May affect metabolism and decrease motility of the gastrointestinal tract.

#### Target Organ and Other Health Effects:

- Causes headache, drowsiness or other effects to the central nervous system.

### 3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
PROPYLENE GLYCOL 57-55-6	15 - 20	1,2-Propylene glycol
PROPRIETARY ADDITIVE	10 - 15	PROPRIETARY ADDITIVE

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

### 4. FIRST AID MEASURES

#### Eye Contact:

Get medical attention, if symptoms develop or persist. Immediately flush eye(s) with plenty of water. Remove any contact lenses and open eyes wide apart.

#### Skin Contact:

Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

#### Ingestion:

Rinse mouth with water. Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Get medical attention.

#### Inhalation:

Move to fresh air. Get medical attention, if symptoms develop or persist.

#### Medical conditions aggravated by exposure:

Any respiratory or skin condition.

### 5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	210
Flash point (Celsius):	99
Lower explosive limit (%):	2
Upper explosive limit (%):	17
Autoignition temperature:	not determined
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:

Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

### 6. ACCIDENTAL RELEASE MEASURES

#### Action to be taken if material is released or spilled:

Ventilate the area. Avoid breathing dust or vapor. 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 7, "Handling and Storage", 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. Do not freeze. Since emptied containers may contain product residue, follow all label warnings, even after container is emptied. Do not cut, drill, grind, or weld on or near this container.

## 8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

### Personal Protective Equipment

#### Eye and face protection:

Chemical goggles, also wear a face shield if splashing hazard exists.

#### Skin protection:

Appropriate chemical resistant gloves should be worn.

#### Other Personal Protection Data:

Usual industrial work clothes.

#### 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

Use only in well-ventilated areas. Ovens used for curing should contain a fresh air purge to prevent vapours from accumulating and creating a possible explosive mixture. Ensure adequate ventilation, especially in confined areas.

### Exposure Guidelines

#### OSHA Permissible Exposure Limits (PEL's)

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
PROPRIETARY ADDITIVE	10 - 15	15 mg/m <sup>3</sup> TWA particulate;mist total 5 mg/m <sup>3</sup> TWA mist, respirable fraction		

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

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
PROPRIETARY ADDITIVE	10 - 15	10 mg/m <sup>3</sup> TWA mist			

## 9. PHYSICAL PROPERTIES

Odor:

Normal for this product type.

Physical State:

liquid

pH:

not determined

Vapor pressure:

24 mmHg @ 77°F (25°C)

Vapor density (air = 1.0):

3.17

Boiling point:

not determined

Solubility in water:

not determined

## 9. PHYSICAL PROPERTIES

Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	8.77
Specific Gravity:	1.05
Evaporation rate (butyl acetate = 1.0):	0.1
Flash point (Fahrenheit):	210
Flash point (Celsius):	99
Lower explosive limit (%):	2
Upper explosive limit (%):	17
Autoignition temperature:	not determined

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Incompatibility:	Strong oxidizing agents
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

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
PROPYLENE GLYCOL 57-55-6	15 - 20	= 20000 mg/kg Oral LD50 Rat = 20800 mg/kg Dermal LD50 Rabbit
PROPRIETARY ADDITIVE	10 - 15	= 12600 mg/kg Oral LD50 Rat > 21900 mg/kg Dermal LD50 Rat > 570 mg/m <sup>3</sup> Inhalation LC50 Rat 1 h

**Mutagens/Teratogens/Carcinogens:** None known.

## 12. ECOLOGICAL DATA

No information on ecology is available.

## 13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

## 14. TRANSPORTATION INFORMATION

### U.S. Department of Transportation

UN ID Number (msds): NRPAIN  
Proper Shipping Name: PAINT, NOT REGULATED

### 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.

### Reportable Quantity Description:

### International Air Transport Association (IATA):

UN ID Number (msds): NRPAIN  
Proper Shipping Name: PAINT, NOT REGULATED

**International Maritime Organization (IMO):**

IMO UN/ID Number (msds): NRPAIN  
Proper Shipping Name: PAINT, NOT REGULATED

**15. REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS:**

**SARA 311/312 Hazard Class:**

Acute: yes  
Chronic: no  
Flammability: no  
Reactivity: no  
Sudden Pressure: no

**U.S. STATE REGULATIONS:**

**Right to Know:**

The specific chemical identity of a component may be withheld as a trade secret under 34 Pennsylvania Code, Chapter 317.

**Pennsylvania Right To Know:**

PROPRIETARY ADDITIVE Trade Secret  
PROPYLENE GLYCOL 57-55-6

**Additional Non-Hazardous Materials**

WATER 7732-18-5  
PROPRIETARY RESIN Trade Secret

**Rule 66 status of product** Not photochemically reactive.

**INTERNATIONAL REGULATIONS - Chemical Inventories**

**US 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:** 2  
**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:**

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**Preparation Information:**

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