

# valspar

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## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

**Product ID:** LKW1217  
**Product Name:** RTI WHITE PRIMER  
**Product Use:** Paint product.  
**Print date:** 18/May/2009  
**Revision Date:** 18/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:

- May cause eye irritation.

#### Skin Contact:

- Causes mild skin irritation.

#### Ingestion:

None known.

#### Inhalation:

- May cause irritation of respiratory tract.

**This product contains ingredients that may contribute to the following potential chronic health effects:**

- Prolonged exposure over TLV may produce pneumoconiosis.

#### Carcinogens:

- Possible cancer hazard. Contains material which may cause cancer based on animal data.

### 3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
PROPRIETARY INERT	30 - 35	PROPRIETARY INERT
PROPRIETARY INERT	10 - 15	PROPRIETARY INERT
TALC 14807-96-6	10 - 15	Talc (Mg3H2(SiO3)4)
TITANIUM DIOXIDE 13463-67-7	5 - 10	Titanium dioxide

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.

**Skin Contact:**

Wash off with plenty of water.

**Ingestion:**

Get medical attention if symptoms occur

**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):	209°F (98°C)
Lower explosive limit:	not determined %
Upper explosive limit:	not determined %
Autoignition temperature:	not determined -°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:**

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:**

Avoid contact with eyes.

#### 7. HANDLING AND STORAGE

# CERTIFIED PRODUCT DATA SHEET

The Valspar Corporation  
PO Box 1461  
Minneapolis, MN 55440  
1-612-332-7371

**Product ID:** LKW1217 **Product Name:** RTI WHITE PRIMER

**Density (lbs per US gallon):** 14.24  
**Non Volatile % by Weight:** 70.48  
**Percent VHAP by Weight:** 0  
**LBs VHAP/LB Solid:** 0  
**LBs VHAP/GAL Solid:** 0  
**VOC % by Weight:** .72  
**LBs VOC/Lb Solid:** .01

## Optimum Analytical Conditions (Test Parameters)

**Standard:** METHOD 311  
**Separation column:** DB-WAX or if coelusion of analytes, DB-1 (Capillary)  
**Oven Temperature:** 5 min @ 40C, 7C/min to 170C, 5 min @ 170C  
**Carrier Gas:** Helium 25 ml/min  
**Injection Port Temperature:** 250C  
**Extraction Solvent:** DMF  
**Internal Standard(s):** 1-Propanol  
**Other 1:** Col: 30m x 0.53mm (ID) x 1.5 um  
**Other 2:**  
**Other 3:** VOC = As Applied: (-) Exempt by WT, not VOL

**Other Test Methods:** Method 24 for density, % solids and %VOC

## Other Data Elements:

**Water % by Weight:** 28.81  
**Non Volatile % by Volume:** 49.38

**Note:** Data are provided "as supplied" (as formulated) except for coatings that release cure volatiles during the cure. These 2-part system values include the curing component.

## Certified by The Valspar Corporation

**Revision Date:** 18/May/2009  
**Print date:** 18/May/2009

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## 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:

Wear safety glasses or goggles to protect against exposure.

#### Skin protection:

Appropriate chemical resistant gloves should be worn.

#### 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. 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 INERT	30 - 35	5 mg/m <sup>3</sup> Respirable fraction. 15 mg/m <sup>3</sup> Total dust.		
PROPRIETARY INERT	10 - 15	5 mg/m <sup>3</sup> Respirable fraction. 15 mg/m <sup>3</sup> Total dust. Respirable fraction. Listed. Total dust. Listed.		
TALC 14807-96-6	10 - 15	Respirable. Listed. Total dust. Listed.		
TITANIUM DIOXIDE 13463-67-7	5 - 10	15 mg/m <sup>3</sup> Total dust.		

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

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
PROPRIETARY INERT	30 - 35	10 mg/m <sup>3</sup> Inhalable particles. 3 mg/m <sup>3</sup> Respirable particles.			
PROPRIETARY INERT	10 - 15	2 mg/m <sup>3</sup> Respirable fraction. The value is for particulate matter containing no asbestos and <1% crystalline silica.			

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
TALC 14807-96-6	10 - 15	2 mg/m <sup>3</sup> Respirable fraction. The value is for particulate matter containing no asbestos and <1% crystalline silica.			
TITANIUM DIOXIDE 13463-67-7	5 - 10	10 mg/m <sup>3</sup>			

## 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):	0.6
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	14.24
Specific Gravity:	1.71
Evaporation rate (butyl acetate = 1.0):	0.1
Flash point (Fahrenheit):	209°F (98°C)
Lower explosive limit:	not determined %
Upper explosive limit:	not determined %
Autoignition temperature:	not determined -°F (°C)

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Incompatibility:	Strong oxidizing agents Acids
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Silicon dioxide. Carbon monoxide and carbon dioxide. Metal oxide fumes.

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

## 11. TOXICOLOGICAL INFORMATION

### Mutagens/Teratogens/Carcinogens:

Possible cancer hazard. Contains material which may cause cancer based on animal data.

Contains TIO<sub>2</sub> 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 TIO<sub>2</sub> provide an adequate basis to conclude TIO<sub>2</sub> is carcinogenic. TIO<sub>2</sub> is not classified as a carcinogen by NTP, U.S. OSHA, or the U.S. EPA.

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data 2B Possible Carcinogen
TITANIUM DIOXIDE 13463-67-7	5 - 10			

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
TALC 14807-96-6	10 - 15			male rat-some evidence; female rat-clear evidence; male mice-no evidence; female mice- no evidence

## 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

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

### 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):

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

#### International Maritime Organization (IMO):

Proper Shipping Name: PAINT, NOT REGULATED  
Non-Bulk UN ID Number: NRPAIN

## 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:

#### 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:**

TALC	14807-96-6
PROPRIETARY INERT	Trade Secret
PROPRIETARY INERT	Trade Secret
TITANIUM DIOXIDE	13463-67-7

**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:**

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

**16. OTHER INFORMATION**

**HMIS Codes**

<b>Health:</b>	1*
<b>Flammability:</b>	1
<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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