



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: WLR0069
Product Name: AQUASPAR 100 RED OXIDE PRIMER
Product Use: Paint or Coatings Related Product
Effective date: 27/Sep/2014
Revision Date: 27/Sep/2014
UN ID Number (msds): NRPAIN
WHMIS Classification: D2A Very Toxic Material D2B Toxic Material

Company Identification

Valspar, Inc.
 1915 Second Street West
 Cornwall, Ontario K6H 5T1

Tech Info Phone: 1-613-932-8960

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

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
 Ingestion
 Skin absorption

Eye Contact:

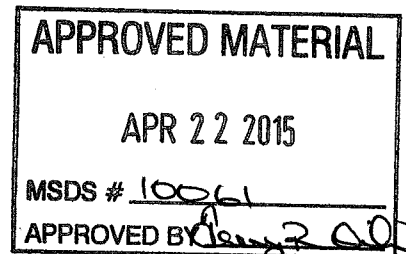
- May cause eye irritation.

Skin Contact:

- Causes skin irritation.

Ingestion:

- Irritation of the mouth, throat, and stomach.



Inhalation:

- May cause irritation of respiratory tract.
- May cause irritation of the mucous membranes.

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	CAS Number
LIMESTONE 1317-65-3	15 - 20	Limestone	1317-65-3
IRON OXIDE 1309-37-1	1 - 5	IRON OXIDE(Fe ₂ O ₃)	1309-37-1
ZINC PHOSPHATE 7779-90-0	1 - 5	Phosphoric acid, zinc salt (2:3)	7779-90-0
TITANIUM DIOXIDE 13463-67-7	.1 - 1	Titanium dioxide	13463-67-7

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

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

4. FIRST AID MEASURES**Eye Contact:**

Get medical attention, if symptoms develop or persist. Immediately flush eye(s) with plenty of water.

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):	200
Flash point (Celsius):	93
Lower explosive limit (%):	1
Upper explosive limit (%):	4
Autoignition temperature:	not determined

5. FIRE FIGHTING MEASURES

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.

Does not sustain combustion.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:

Ventilate the area. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Avoid contact with eyes.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Keep away from heat, sparks and open flame. - No smoking. 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.

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. Where the product is used in a hazardous classified area, use explosion-proof electrical/ventilating/lighting/equipment. 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
LIMESTONE 1317-65-3	15 - 20	15 mg/m ³ TWA dust total 5 mg/m ³ TWA respirable fraction		
IRON OXIDE 1309-37-1	1 - 5	10 mg/m ³ TWA fume		
TITANIUM DIOXIDE 13463-67-7	.1 - 1	15 mg/m ³ TWA dust total		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
LIMESTONE 1317-65-3	15 - 20	10 mg/m ³ Inhalable particles. 3 mg/m ³ Respirable particles.			
IRON OXIDE 1309-37-1	1 - 5	5 mg/m ³ TWA respirable fraction			
TITANIUM DIOXIDE 13463-67-7	.1 - 1	10 mg/m ³ TWA			

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):	7.4
Boiling point:	212°F (100°C)
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	10.54
Specific Gravity:	1.26
Evaporation rate (butyl acetate = 1.0):	0.1
Flash point (Fahrenheit):	200
Flash point (Celsius):	93
Lower explosive limit (%):	1
Upper explosive limit (%):	4
Autoignition temperature:	not determined

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Incompatibility:	Avoid water-reactive materials, heat or contact with peroxides or other catalysts.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide. Metal oxide fumes.
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
IRON OXIDE 1309-37-1	1 - 5	> 10000 mg/kg Oral LD50 Rat
ZINC PHOSPHATE 7779-90-0	1 - 5	> 5000 mg/kg Oral LD50 Rat
TITANIUM DIOXIDE 13463-67-7	.1 - 1	> 10000 mg/kg Oral LD50 Rat

Mutagens/Teratogens/Carcinogens:

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

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.

Ingredient 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	.1 - 1			Monograph 47 [1989]

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
TITANIUM DIOXIDE 13463-67-7	.1 - 1	Present		

12. ECOLOGICAL DATA

No information on ecology is available.

13. DISPOSAL CONSIDERATIONS

Dispose of waste at an approved hazardous waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations.

14. TRANSPORTATION INFORMATION

Canadian Transport of Dangerous Goods

UN ID Number (msds):

NRPAIN

Proper Shipping Name:

PAINT, NOT REGULATED

TDG Clear Language Exceptions:

For Dangerous Goods, the supplier may apply one of the following exceptions (TDG Reference): Limited quantity/Consumer Commodity (1.17), Does not sustain combustion, etc. (2.18), Viscous liquid (2.19), Flammable liquid General Exemption (1.33) or US DOT Reciprocity (9.1,3 & 4). Please consult current TDG regulations before applying any of these exceptions to subsequent shipments.

International Air Transport Association (IATA):

UN/ID No:

UN3082

Proper shipping name:

Environmentally hazardous substance, liquid, n.o.s.

Hazard Class:

9

Packing Group:

III

14. TRANSPORTATION INFORMATION

International Maritime Organization (IMO):

UN/ID No:	UN3082
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Hazard Class:	9
Packing Group:	III
Marine Pollutant:	YES
Marine Pollutant Ingredient 1:	ZINC PHOSPHATE

15. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS - Chemical Inventories

Canada Domestic Substances List:

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

US TSCA Inventory:

All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada National Pollutant Release Inventory:

Ingredient Name CAS-No.	Approx. Weight %	NPRI Status
IRON OXIDE 1309-37-1	1 - 5	YES
ZINC PHOSPHATE 7779-90-0	1 - 5	Part 1, Group 1 Substance

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:

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.

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