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Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: WLY0010
Product Name: AQUASPAR 100 BUFF YELLOW PRIMER
Product Use: Paint or Coatings Related Product
Effective date: 29/Nov/2013
Revision Date: 29/Nov/2013
UN ID Number (msds): NRPAIN
WHMIS Classification: D2B Toxic Material D2A Very 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:

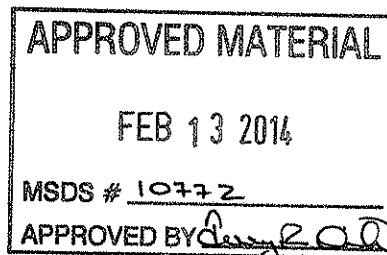
- May cause eye irritation.

Skin Contact:

- Causes mild skin irritation.

Ingestion:

- Irritation of the mouth, throat, and stomach.



Inhalation:

- May cause irritation of respiratory tract.
- Convulsions
- Difficulty in breathing

Target Organ and Other Health Effects:

- Causes headache, drowsiness or other effects to the central nervous system.
- Kidney injury may occur.
- Liver injury may occur.

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 |
| CLAY 66402-68-4 | 1 - 5 | Ceramic materials and wares, chemicals | 66402-68-4 |
| TITANIUM DIOXIDE 13463-67-7 | 1 - 5 | Titanium dioxide | 13463-67-7 |
| BARIUM PHOSPHATE 10048-98-3 | 1 - 5 | BARIUM PHOSPHATE | 10048-98-3 |

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:

Wash off with plenty of water.

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 injured person into fresh air and keep person calm under observation. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. DO NOT place anything between the person's teeth during a seizure (including your fingers). Get medical attention immediately.

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 |
| 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.

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. Ensure adequate ventilation, especially in confined areas. Ovens used for curing should contain a fresh air purge to prevent vapours from accumulating and creating a possible explosive mixture. Where the product is used in a hazardous classified area, use explosion-proof electrical/ventilating/lighting/equipment.

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 | | |
| CLAY 66402-68-4 | 1 - 5 | 5 mg/m ³ TWA Zr | | |
| TITANIUM DIOXIDE 13463-67-7 | 1 - 5 | 15 mg/m ³ TWA dust total | | |
| BARIUM PHOSPHATE 10048-98-3 | 1 - 5 | 0.5 mg/m ³ TWA Ba | | |

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. | | | |
| CLAY 66402-68-4 | 1 - 5 | 0.2 mg/m ³ TWA Mn 5 mg/m ³ TWA Zr | 10 mg/m ³ STEL Zr | | |
| TITANIUM DIOXIDE 13463-67-7 | 1 - 5 | 10 mg/m ³ TWA | | | |
| BARIUM PHOSPHATE 10048-98-3 | 1 - 5 | 0.5 mg/m ³ TWA Ba | | | |

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): | 10.4 |
| Specific Gravity: | 1.25 |
| 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 |
|--------------------------------|---------------------|----------------------------------|
| TITANIUM DIOXIDE 13463-67-7 | 1 - 5 | > 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 |
|--------------------------------|---------------------|----------------------------------|---------------------------------------|---|
| CLAY 66402-68-4 | 1 - 5 | | | Monograph 43 [1988] |
| TITANIUM DIOXIDE 13463-67-7 | 1 - 5 | | | Monograph 47 [1989] |

| Ingredient Name CAS-No. | Approx. Weight % | OSHA - Hazard Communication Carcinogens | OSHA - Specifically Regulated Carcinogens | ACGIH Carcinogens |
|--------------------------------|---------------------|---|--|-------------------|
| CLAY 66402-68-4 | 1 - 5 | Present | | |
| TITANIUM DIOXIDE 13463-67-7 | 1 - 5 | 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):
 Proper Shipping Name:

NRPAIN
 PAINT, NOT REGULATED

14. TRANSPORTATION INFORMATION

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):

Proper shipping name: NOT REGULATED

International Maritime Organization (IMO):

Proper shipping name: NOT REGULATED

Marine Pollutant No

15. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS - Chemical Inventories

Canada Domestic Substances List:

All components of 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 |
|----------------------------|---------------------|---------------------------|
| CLAY 66402-68-4 | 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.

Preparation Information:

Prepared By: Regulatory Affairs Department
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