



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID:	CXC4803
Product Name:	VALTEC ULTRA CATALYST
Product Use:	Paint product.
Effective date:	20/Jan/2014
Revision Date:	20/Jan/2014
UN ID Number (msds):	UN1263
WHMIS Classification:	D2B Toxic Material D2A Very Toxic Material B2 Flammable Liquids

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:

- Causes eye burns.
- Risk of serious damage to eyes.

Skin Contact:

- Causes skin burns.
- Harmful if absorbed through skin.

Ingestion:

- Causes digestive tract burns.

- Harmful if swallowed.

Inhalation:

- Causes respiratory tract irritation.
- Harmful by inhalation.

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.
- Hearing loss.
- Blood disorders

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.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name	CAS Number
ETHANOL 64-17-5	50 - 55	Ethyl alcohol	64-17-5
BUTYL ACETATE 123-86-4	25 - 30	n-Butyl acetate	123-86-4
PHOSPHORIC ACID MONOPHENYL ESTER 701-64-4	5 - 10	Phosphoric acid monophenyl ester	701-64-4
PHENYL ACID PHOSPHATE 838-85-7	5 - 10	Phosphoric acid, diphenyl ester	838-85-7
N-BUTYL ALCOHOL 71-36-3	1 - 5	n-Butyl alcohol	71-36-3
ISOPROPYL ALCOHOL 67-63-0	1 - 5	Isopropyl alcohol	67-63-0

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:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. If medical assistance is not immediately available, flush an additional 15 minutes. Get medical attention immediately.

Skin Contact:

Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Do not use soap. If skin surface is damaged, apply a clean dressing. Do not apply greases or ointments. If medical assistance is not immediately available, flush an additional 15 minutes. Get medical attention immediately.

Ingestion:

Give one or two glasses of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention immediately. Rinse mouth with water. Only induce vomiting at the instruction of medical personnel.

Inhalation:

Move injured person into fresh air and keep person calm under observation. Get medical attention immediately.

Medical conditions aggravated by exposure:

Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	50
Flash point (Celsius):	10
Lower explosive limit (%):	1
Upper explosive limit (%):	20
Autoignition temperature:	not determined
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:

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. Remove all sources of ignition. Soak up with inert absorbent material. Use only 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 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. 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:

Wear chemical goggles with splash shields or face shield. Contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury in case of exposure.

Skin protection:

Appropriate chemical resistant gloves should be worn.

Other Personal Protection Data:

Ensure that eyewash stations and safety showers are close to the workstation location. 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

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
ETHANOL 64-17-5	50 - 55	1000 ppm TWA 1900 mg/m ³ TWA		
BUTYL ACETATE 123-86-4	25 - 30	150 ppm TWA 710 mg/m ³ TWA		
N-BUTYL ALCOHOL 71-36-3	1 - 5	100 ppm TWA 300 mg/m ³ TWA		
ISOPROPYL ALCOHOL 67-63-0	1 - 5	400 ppm TWA 980 mg/m ³ TWA		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
ETHANOL 64-17-5	50 - 55	1000 ppm	1000 ppm STEL		
BUTYL ACETATE 123-86-4	25 - 30	150 ppm TWA	200 ppm STEL		
N-BUTYL ALCOHOL 71-36-3	1 - 5	20 ppm TWA			
ISOPROPYL ALCOHOL 67-63-0	1 - 5	200 ppm TWA	400 ppm STEL		

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	43.0827068 mmHg @ 68°F (20°C)
Vapor density (air = 1.0):	4
Boiling point:	173.3°F (79°C)

9. PHYSICAL PROPERTIES

Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	7.22
Specific Gravity:	.86
Evaporation rate (butyl acetate = 1.0):	3.3
Flash point (Fahrenheit):	50
Flash point (Celsius):	10
Lower explosive limit (%):	1
Upper explosive limit (%):	20
Autoignition temperature:	not determined

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Heat.
Incompatibility:	Strong oxidizing agents
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide. Oxides of phosphorus

Sensitivity to static discharge: Subject to static discharge hazards. Please see bonding and grounding information in Section 7.

11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
ETHANOL 64-17-5	50 - 55	= 7060 mg/kg Oral LD50 Rat
BUTYL ACETATE 123-86-4	25 - 30	= 10768 mg/kg Oral LD50 Rat = 390 ppm Inhalation LC50 Rat 4 h > 17600 mg/kg Dermal LD50 Rabbit
PHOSPHORIC ACID MONOPHENYL ESTER 701-64-4	5 - 10	= 2290 mg/kg Oral LD50 Rat
N-BUTYL ALCOHOL 71-36-3	1 - 5	= 3400 mg/kg Dermal LD50 Rabbit = 790 mg/kg Oral LD50 Rat = 8000 ppm Inhalation LC50 Rat 4 h > 17.7 mg/L Inhalation LC50 Rat 4 h
ISOPROPYL ALCOHOL 67-63-0	1 - 5	= 12800 mg/kg Dermal LD50 Rat = 12870 mg/kg Dermal LD50 Rabbit = 4396 mg/kg Oral LD50 Rat = 72.6 mg/L Inhalation LC50 Rat 4 h

Mutagens/Teratogens/Carcinogens:

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
ETHANOL 64-17-5	50 - 55			A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans

12. ECOLOGICAL DATA

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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):	UN1263
Proper Shipping Name:	PAINT
Hazard Class:	3
Packing Group:	II

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:	UN1263
Proper shipping name:	Paint
Hazard Class:	3
Packing Group:	II

International Maritime Organization (IMO):

UN/ID No:	UN1263
Proper shipping name:	PAINT
Hazard Class:	3
Packing Group:	II
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
ETHANOL 64-17-5	50 - 55	Part 5 Substance
BUTYL ACETATE 123-86-4	25 - 30	Part 5 Substance
N-BUTYL ALCOHOL 71-36-3	1 - 5	Part 1, Group 1 Substance

Ingredient Name CAS-No.	Approx. Weight %	NPRI Status
IOPROPYL ALCOHOL 67-63-0	1 - 5	Part 1, Group 1 Substance Part 5 Substance Part 1, Group 1 Substance

16. OTHER INFORMATION

HMIS Codes

Health: 3*
Flammability: 3
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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Technical Information:

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