

C-375
valspar

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID:

KXW0157

Product Name:

VALGARD 432 RUSTOLEUM 9492 WHITE 2.5 TO 1 ENAMEL

Product Use:

Paint or Coatings Related Product

Print date:

13/Aug/2008

Revision Date:

13/Aug/2008

Company Identification

The Valspar Corporation

1101 Third Street South

Minneapolis, MN 55415

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:

- Dermatitis

Ingestion:

- Harmful if swallowed.

Inhalation:

- Causes respiratory tract irritation.

- Harmful by inhalation.

- May cause sensitization by inhalation.

Target Organ and Other Health Effects:

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

- Liver injury may occur.

- Kidney injury may occur.

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.

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
TITANIUM DIOXIDE 13463-67-7	30 - 35	Titanium dioxide
DIISOBUTYL KETONE 108-83-8	10 - 15	Diisobutylketone
AROMATIC NAPHTHA, LIGHT 64742-95-6	1 - 5	Petroleum naphtha, light aromatic
METHYL N-AMYL KETONE 110-43-0	1 - 5	Heptan-2-one
4,6-DIMETHYLHEPTAN-2- ONE 19549-80-5	1 - 5	2-Heptanone, 4,6-dimethyl-
PROPRIETARY INERT	1 - 5	PROPRIETARY INERT
PROPRIETARY ADDITIVE	1 - 5	PROPRIETARY ADDITIVE
TRIMETHYLBENZENE 25551-13-7	1 - 5	Trimethyl benzene
BUTYL ACETATE 123-86-4	1 - 5	n-Butyl acetate

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. Never give anything by mouth to an unconscious person. 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. Get medical attention immediately. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration.

Medical conditions aggravated by exposure:

Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit): 43°F (6°C)
Lower explosive limit: 1 %
Upper explosive limit: 13 %
Autoignition temperature: not determined -°F (°C)
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:

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:

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

Skin protection:

Appropriate chemical resistant gloves should be worn.

Other Personnel 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:

Wear appropriate, properly fitted respirator (NIOSH approved) during spray application or in other situation where mists may be generated unless air monitoring vapor mist levels are below applicable limits-- where applicable limits have been established. When respirators are used, follow respirator manufacturers directions for use.

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. 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
TITANIUM DIOXIDE 13463-67-7	30 - 35	15 mg/m ³ Total dust.		
DIISOBUTYL KETONE 108-83-8	10 - 15	290 mg/m ³ 50 ppm		
METHYL N-AMYL KETONE 110-43-0	1 - 5	465 mg/m ³ 100 ppm		
PROPRIETARY INERT	1 - 5	5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust. Respirable fraction. Listed. Total dust. Listed.		
BUTYL ACETATE 123-86-4	1 - 5	710 mg/m ³ 150 ppm		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
TITANIUM DIOXIDE 13463-67-7	30 - 35	10 mg/m ³			
DIISOBUTYL KETONE 108-83-8	10 - 15	25 ppm			
METHYL N-AMYL KETONE 110-43-0	1 - 5	50 ppm			
PROPRIETARY INERT	1 - 5	10 mg/m ³			
TRIMETHYLBENZENE 25551-13-7	1 - 5	25 PPM			
BUTYL ACETATE 123-86-4	1 - 5	150 ppm	200 ppm		

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	676.6917293 mmHg @ 100.04°F (37.8°C)
Vapor density (air = 1.0):	4.9
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	10.88
Specific Gravity:	1.3
Evaporation rate (butyl acetate = 1.0):	1

9. PHYSICAL PROPERTIES

Flash point (Fahrenheit): 43°F (6°C)
Lower explosive limit: 1 %
Upper explosive limit: 13 %
Autoignition temperature: not determined -°F (°C)

10. STABILITY AND REACTIVITY

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

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
DIISOBUTYL KETONE 108-83-8	10 - 15	Oral LD50 Rat : 5750 mg/kg Oral LD50 Mouse : 1416 mg/kg Dermal LD50 Rabbit : 16 gm/kg
AROMATIC NAPHTHA, LIGHT 64742-95-6	1 - 5	Oral LD50 Rat : 8400 mg/kg
METHYL N-AMYL KETONE 110-43-0	1 - 5	Oral LD50 Rat : 1670 mg/kg Oral LD50 Mouse : 730 mg/kg Dermal LD50 Rabbit : 12600 uL/kg
TRIMETHYLBENZENE 25551-13-7	1 - 5	Oral LD50 Rat : 8970 mg/kg
BUTYL ACETATE 123-86-4	1 - 5	Inhalation LC50 Rat : 2000 ppm/4H Inhalation LC50 Mouse : 6 gm/m ³ /2H Oral LD50 Rat : 10768 mg/kg Oral LD50 Mouse : 6 gm/kg Dermal LD50 Rabbit : >17600 mg/kg

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	30 - 35			2B Possible Carcinogen

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

U.S. Department of Transportation

Proper Shipping Name: PAINT
Hazard Class: 3
UN ID Number: UN1263
Packing Group: II

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
Hazard Class: 3
UN ID Number: UN1263
Packing Group: II

International Maritime Organization (IMO):

Proper Shipping Name: PAINT
Hazard Class: 3
Non-Bulk UN ID Number: UN1263
Packing Group: II

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
BUTYL ACETATE 123-86-4	1 - 5			5000

SARA 311/312 Hazard Class:

Acute: yes
Chronic: yes
Flammability: yes
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:

BUTYL ACETATE	123-86-4
PROPRIETARY INERT	Trade Secret
TITANIUM DIOXIDE	13463-67-7
PROPRIETARY ADDITIVE	Trade Secret
TRIMETHYLBENZENE	25551-13-7
AROMATIC NAPHTHA, LIGHT	64742-95-6
METHYL N-AMYL KETONE	110-43-0
DIISOBUTYL KETONE	108-83-8
4,6-DIMETHYLHEPTAN-2-ONE	19549-80-5

Additional Non-Hazardous Materials

PROPRIETARY RESIN	Trade Secret
PROPRIETARY RESIN	Trade Secret
SOLVENT	108419-34-7

Rule 66 status of product 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

Health:	2*
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.

Preparation Information:

Prepared By: Regulatory Affairs Department

Product ID: KXW0157

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