



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: VDS1060
Product Name: GRAINTONE PLUS DYE STAIN GOLDEN OAK
Product Use: Paint product.
Print date: 26/Mar/2010
Revision Date: 08/Nov/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:

- Severe eye irritation
- Risk of serious damage to eyes.

Skin Contact:

- May cause defatting of the skin.
- Causes skin irritation.
- Dermatitis
- May cause sensitization by skin contact.
- Can be absorbed through skin.

Ingestion:

- Irritation of the mouth, throat, and stomach.
- Harmful if swallowed.
- Aspiration hazard if swallowed - can enter lungs and cause damage.

Inhalation:

- Causes respiratory tract irritation.
- May cause sensitization by inhalation.

Target Organ and Other Health Effects:

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

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
ETHANOL 64-17-5	25 - 30	Ethyl alcohol
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	25 - 30	Acetone
ISOBUTYL ACETATE 110-19-0	20 - 25	Isobutyl acetate
PROPYLENE GLYCOL MONO METHYL ETHER 107-98-2	5 - 10	Propylene glycol monomethyl ether
ISOBUTYL ALCOHOL 78-83-1	5 - 10	Isobutyl alcohol
C.I. ACID YELLOW 220 70851-34-2	1 - 5	C.I. ACID YELLOW 220
ISOBUTYL ISOBUTYRATE 97-85-8	1 - 5	Isobutyl isobutyrate
ISOPROPYL ALCOHOL 67-63-0	1 - 5	Isopropyl alcohol

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

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. 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. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention immediately.

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. Get medical attention immediately.

Medical conditions aggravated by exposure:

Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	1
Flash point (Celsius):	-17
Lower explosive limit (%):	1
Upper explosive limit (%):	21
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:

To prevent skin contact wear protective clothing covering all exposed areas. Ensure that eyewash stations and safety showers are close to the workstation location.

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	25 - 30	1000 ppm TWA 1900 mg/m ³ TWA		
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	25 - 30	1000 ppm TWA 2400 mg/m ³ TWA		
ISOBUTYL ACETATE 110-19-0	20 - 25	150 ppm TWA 700 mg/m ³ TWA		
ISOBUTYL ALCOHOL 78-83-1	5 - 10	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	25 - 30	1000 ppm	1000 ppm STEL		
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	25 - 30	500 ppm TWA	750 ppm STEL		
ISOBUTYL ACETATE 110-19-0	20 - 25	150 ppm TWA			
PROPYLENE GLYCOL MONO METHYL ETHER 107-98-2	5 - 10	100 ppm TWA	150 ppm STEL		
ISOBUTYL ALCOHOL 78-83-1	5 - 10	50 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

9. PHYSICAL PROPERTIES

pH:	not determined
Vapor pressure:	175.1879699 mmHg @ 68°F (20°C)
Vapor density (air = 1.0):	4.97
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	6.98
Specific Gravity:	.84
Evaporation rate (butyl acetate = 1.0):	5.6
Flash point (Fahrenheit):	1
Flash point (Celsius):	-17
Lower explosive limit (%):	1
Upper explosive limit (%):	21
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.

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	25 - 30	= 7060 mg/kg Oral LD50 Rat
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	25 - 30	= 5800 mg/kg Oral LD50 Rat
ISOBUTYL ACETATE 110-19-0	20 - 25	= 13400 mg/kg Oral LD50 Rat > 5000 mg/kg Dermal LD50 Rabbit
PROPYLENE GLYCOL MONO METHYL ETHER 107-98-2	5 - 10	= 13000 mg/kg Dermal LD50 Rabbit = 5200 mg/kg Oral LD50 Rat = 54.6 mg/L Inhalation LC50 Rat 4 h > 24 mg/L Inhalation LC50 Rat 1 h
ISOBUTYL ALCOHOL 78-83-1	5 - 10	= 2460 mg/kg Oral LD50 Rat > 2000 mg/kg Dermal LD50 Rabbit > 6.5 mg/L Inhalation LC50 Rat 4 h
ISOBUTYL ISOBUTYRATE 97-85-8	1 - 5	= 12800 mg/kg Oral LD50 Rat > 8600 mg/kg Dermal LD50 Rabbit
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: None known.

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
C.I. ACID YELLOW 220 70851-34-2	1 - 5			Monograph 52 [1991]

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
ETHANOL 64-17-5	25 - 30			male mice-inadequate; female mice-inadequate

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
ETHANOL 64-17-5	25 - 30			A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans
C.I. ACID YELLOW 220 70851-34-2	1 - 5	Present		

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

UN ID Number (msds): UN1263
 Proper Shipping Name: PAINT
 Hazard Class: 3
 Packing Group: II
 Hazardous Ingredient (Land) 1 DIMETHYL KETONE- EXEMPT SOLVENT
 Hazardous Ingredient (Land) 2 ISOPROPYL ALCOHOL

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):

UN ID Number (msds): UN1263
 Proper Shipping Name: Paint
 Hazard Class: 3
 Packing Group: II
 IATA N.O.S. Technical Name 1 DIMETHYL KETONE- EXEMPT SOLVENT
 IATA N.O.S. Technical Name 2 ISOPROPYL ALCOHOL

International Maritime Organization (IMO):

IMO UN/ID Number (msds): UN1263
 Proper Shipping Name: PAINT

Hazard Class: 3
 Packing Group: II
 IMDG N.O.S. Technical Name 1 DIMETHYL KETONE- EXEMPT SOLVENT
 IMDG N.O.S. Technical Name 2 ISOPROPYL ALCOHOL

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	25 - 30			5000
ISOBUTYL ACETATE 110-19-0	20 - 25			5000
ISOBUTYL ALCOHOL 78-83-1	5 - 10			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:

PROPYLENE GLYCOL MONO METHYL ETHER	107-98-2
C.I. ACID YELLOW 220	70851-34-2
ISOBUTYL ALCOHOL	78-83-1
ETHANOL	64-17-5
ISOPROPYL ALCOHOL	67-63-0
ISOBUTYL ACETATE	110-19-0
ISOBUTYL ISOBUTYRATE	97-85-8
PROPRIETARY INGREDIENT	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:

All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health: 2*
 Flammability: 3

16. OTHER INFORMATION

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.

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Preparation Information:

Prepared By: Regulatory Affairs Department
Print date: 26/Mar/2010
Revision Date: 08/Nov/2009