

The Valspar Corporation

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: DP16
Product Name: RAZBERRY PEARL DP-16
Product Use: Chemical intermediate.
Print date: 07/Oct/2005
Revision Date: 26/May/2005

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. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS-No.	Approx. Weight %	Chemical name
PROPRIETARY PIGMENT	45 - 50	PROPRIETARY PIGMENT
PROPRIETARY INERT	35 - 40	PROPRIETARY INERT
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	5 - 10	2-Butoxyethanol
CRYSTALLINE SILICA 14808-60-7	1 - 5	QUARTZ (SiO ₂)
CHROMIUM HYDROXIDE 1308-14-1	.1 - 1	Chromium hydroxide (Cr(OH) ₃)

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

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Emergency Overview:

This section not in use.

This product contains ingredients that may contribute to the following potential acute health effects:

Inhalation Effects:

Harmful if inhaled. May affect the brain, nervous system, or respiratory system, causing dizziness, headache, nausea or respiratory irritation. May irritate mouth, nose, and throat.

Eye Contact:

May cause moderate eye irritation.

Skin Contact:

May cause moderate skin irritation. Harmful if absorbed through the skin.

Acute Ingestion:

None known

Other Effects:

None known

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. Contains glycol ether which has been shown to cause blood effects damage in laboratory animals. May cause liver damage. May cause kidney damage.

See Section 11 for toxicological information about Mutagens, Teratogens and Carcinogens.

If this section is blank, no information is available.

4. FIRST AID MEASURES

Inhalation:

If affected by inhalation, move victim to fresh air. If symptoms persist, seek medical attention.

Eye Contact:

In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Skin Contact:

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. If irritation persists get medical attention. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean contaminated shoes.

Ingestion:

If swallowed, get medical attention immediately.

Medical conditions aggravated by exposure: Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	201° F (94° C) TCC/PM
Lower explosive limit:	1 %
Upper explosive limit:	11 %
Autoignition temperature:	Not available. ° F (° C)
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:

Use water spray to cool nearby containers and structures exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:

Ventilate area. Avoid breathing of vapors. 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 5, "Unusual Fire and Explosion Hazards", for proper container and storage procedures. Avoid contact with eyes.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Keep container closed when not in use.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:

Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

Skin protection:

Appropriate chemical resistant gloves should be worn. 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

Required when spraying or applying in confined area.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Common Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
PROPRIETARY PIGMENT	45 - 50	10 mg/m ³ Fume. 5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust. Respirable fraction. Listed. Total dust. Listed.		
PROPRIETARY INERT	35 - 40	5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust. Respirable fraction. Listed. Total dust. Listed.		
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	5 - 10	240 mg/m ³ 50 ppm		Can be absorbed through the skin.
CRYSTALLINE SILICA 14808-60-7	1 - 5	5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust. Respirable fraction. Listed. Total dust. Listed. Respirable. Listed.		
CHROMIUM HYDROXIDE 1308-14-1	.1 - 1	1 mg/m ³ Cr 0.5 mg/m ³ Cr		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
PROPRIETARY PIGMENT	45 - 50	5 mg/m ³ Dust and fume. Fe 10 mg/m ³ Inhalable particles. 3 mg/m ³ Respirable particles. 10 mg/m ³ The value is for particulate matter containing no asbestos and <1% crystalline silica.			
PROPRIETARY INERT	35 - 40	3 mg/m ³ Respirable fraction. 10 mg/m ³ Inhalable particles. 3 mg/m ³ Respirable particles.			
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	5 - 10	20 ppm			
CRYSTALLINE SILICA 14808-60-7	1 - 5	10 mg/m ³ Inhalable particles. 3 mg/m ³ Respirable particles. 0.05 mg/m ³ Respirable fraction.			
CHROMIUM HYDROXIDE 1308-14-1	.1 - 1	0.5 mg/m ³ Cr			

If this section is blank, no information is available.

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Liquid
pH:	Not determined.
Vapor pressure:	1 mmHG @ 68° F (20° C)
Vapor density (air = 1.0):	4.1
Boiling point:	340° F (171° C)
Solubility in water:	Slightly Soluble
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	19.44
Specific Gravity	2.33
Evaporation rate (butyl acetate = 1.0):	.1

10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to Avoid:	None known.
Incompatibility:	Strong oxidizers.

Hazardous Polymerization:
Hazardous Decomposition Products:

None anticipated.
Silicon dioxide. Carbon monoxide and carbon dioxide.
Metal oxide fumes.

Sensitivity to static discharge:

Sensitivity to static discharge is not expected.

11. TOXICOLOGICAL INFORMATION

Mutagens:

Teratogens:

Carcinogens:

Common Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - limited human data	IARC Group 2b - sufficient animal data
CRYSTALLINE SILICA 14808-60-7	1 - 5	Monograph 68, 1997; (inhaled in the form of quartz or cristobalite from occupational sources)		

Common Name CAS-No.	Approx. Weight %	NTP Known carcinogens	NTP Suspect carcinogens	NTP Evidence of carcinogenicity
CRYSTALLINE SILICA 14808-60-7	1 - 5	Known carcinogen.		

Common Name CAS-No.	Approx. Weight %	OSHA Select carcinogens	OSHA Possible select carcinogens	ACGIH Carcinogens
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	5 - 10			Group A3 Confirmed animal carcinogen with unknown relevance to humans.
CRYSTALLINE SILICA 14808-60-7	1 - 5			Group A2 Suspected human carcinogen.

If this section is blank, no information is available.

12. ECOLOGICAL DATA

Not available at this time.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation

Proper Shipping Name: PIGMENT

49 CFR Hazardous Material Regulations Parts 100-180

The supplier will apply the combustible liquid exception in 49 CFR 173.150(f), limited quantity or "does not sustain combustion" exceptions and consumer commodity rules, when authorized. Please check 49 CFR Parts 100-180 to determine if the use of these exceptions applies to your shipments when re-shipping our products.

International Air Transport Association:

Proper Shipping Name: PIGMENT

International Maritime Organization:

Proper Shipping Name: PIGMENT

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Common Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ IN LBS.
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	5 - 10		YES	
CHROMIUM HYDROXIDE 1308-14-1	.1 - 1		YES	

SARA 311/312 Hazard Class:

Acute: Yes
Chronic: Yes
Flammability: No
Reactivity: No
Sudden Pressure: No

U.S. STATE REGULATIONS:

Pennsylvania Right To Know:

ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2
PROPRIETARY INERT	Trade Secret
CRYSTALLINE SILICA	14808-60-7
PROPRIETARY PIGMENT	Trade Secret

California Proposition 65:

WARNING: This product contains chemicals known to the State of California to cause cancer.

Rule 66 status of product

Not photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories

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: 1
Reactivity: 0
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:

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