The Valspar Corporation
Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID:	**PMR0462**
Product Name:	12129 BROWN PURLIN
Product Use:	Paint product.
Print date:	28/Jan/2008
Revision Date:	26/Jan/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. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS-No.	Approx. Weight %	Chemical name
PROPRIETARY RESIN	5 - 10	PROPRIETARY RESIN
AROMATIC NAPHTHA, HEAVY 64742-94-5	5 - 10	SOLVENT NAPHTHA, PETROLEUM, HEAVY AROM
C.I. PIGMENT RED 101 1309-37-1	5 - 10	PROPRIETARY PIGMENT
PROPRIETARY INERT	5 - 10	PROPRIETARY INERT
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	2-Butoxyethanol
2-METHOXY-1-METHYLETHYL ACETATE 108-65-6	1 - 5	Propylene glycol monomethyl ether acetate
AROMATIC NAPHTHA, LIGHT 64742-95-6	1 - 5	Petroleum naphtha, light aromatic
ALUMINA 1344-28-1	1 - 5	Aluminum oxide
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5	PSEUDO CUMENE
STRONTIUM CHROMATE 7789-06-2	1 - 5	CHROMIC ACID(H2CRO2),STRONTIUM SALT(1:1)
METHYL ETHYL KETONE 78-93-3	1 - 5	Methyl ethyl ketone
TITANIUM DIOXIDE 13463-67-7	1 - 5	Titanium dioxide
N-BUTYL ALCOHOL 71-36-3	1 - 5	n-Butyl alcohol

Common Name CAS-No.	Approx. Weight %	Chemical name
NAPHTHALENE 91-20-3	.1 - 1	Naphthalene
CARBON BLACK 1333-86-4	.1 - 1	CARBON BLACK
ETHYLBENZENE 100-41-4	.1 - 1	Ethyl benzene
FORMALDEHYDE 50-00-0	0 - .099	Formaldehyde

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. Causes respiratory tract irritation.

Eye Contact:
May cause eye burns. Corneal injury/eye damage.

Skin Contact:
Harmful if absorbed through the skin.

Acute Ingestion:
May be harmful if large amounts are swallowed. May be harmful if swallowed.

Other Effects:
May cause liver damage. May cause kidney damage.

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. This product contains ingredients which may produce an allergic respiratory response. Treat as a respiratory sensitizer. May cause eye damage and pain. Contains a component which is a known or suspected skin sensitizer. May cause liver damage. Contains glycol ether which has been shown to cause blood effects damage in laboratory animals. Possible cancer hazard. Contains ingredients which may cause cancer based on animal data. Risk of cancer depends on duration and level of exposure. May cause kidney damage. Hearing loss. Possible sensitization. Contains formaldehyde which is considered a potential carcinogen by the Occupational Health and Safety Administration. Suspect cancer hazard. Contains ingredients which may cause cancer. Risk of cancer depends upon the duration and level of exposure.

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. If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get 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, contact medical personnel immediately to determine best course of action.

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

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	83° F (28° C) TCC/PM
Lower explosive limit:	1 %
Upper explosive limit:	16 %
Autoignition temperature:	Not available. ° 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:
Contaminated rags, wipes, saw dust, etc., may catch fire spontaneously. Store waste under water in closed metal containers or in approved self-closing containers designed to prevent spontaneous combustion until disposed of in compliance with applicable regulations. Contains oxidizable materials.

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. Remove sources of ignition. Remove with inert absorbent and non sparking tools. Avoid all personal contact.

7. HANDLING AND STORAGE

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:
Keep away from heat, sparks, and flames. 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. This coating contains aluminum pigment, store in a dry area. Aluminum may react with water, acids and caustics slowly producing gas and heat. In a sealed drum this may cause a pressure build-up over a period of time and drum should be vented before opening.

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:
Gloves: Neoprene or other nonporous. Neoprene or plastic apron and protective clothing covering exposed skin 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. Ventilation equipment should be explosion proof. Eliminate ignition sources.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Common Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
C.I. PIGMENT RED 101 1309-37-1	5 - 10	10 mg/m³ Fume.		
PROPRIETARY INERT	5 - 10	5 mg/m³ Respirable fraction. 15 mg/m³ Total dust. Respirable fraction. Listed. Total dust. Listed.		
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	240 mg/m³ 50 ppm		Can be absorbed through the skin.
ALUMINA 1344-28-1	1 - 5	5 mg/m³ Respirable fraction. 15 mg/m³ Total dust.		
STRONTIUM CHROMATE 7789-06-2	1 - 5	1 mg/m³ Cr	0.1 mg/m³	
METHYL ETHYL KETONE 78-93-3	1 - 5	590 mg/m³ 200 ppm		
TITANIUM DIOXIDE 13463-67-7	1 - 5	15 mg/m³ Total dust.		

Common Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
N-BUTYL ALCOHOL 71-36-3	1 - 5	300 mg/m³ 100 ppm		
NAPHTHALENE 91-20-3	.1 - 1	50 mg/m³ 10 PPM		
CARBON BLACK 1333-86-4	.1 - 1	3.5 mg/m³		
ETHYLBENZENE 100-41-4	.1 - 1	435 mg/m³ 100 ppm		
FORMALDEHYDE 50-00-0	0 - .099	0.75 ppm		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
C.I. PIGMENT RED 101 1309-37-1	5 - 10	5 mg/m³ Dust and fume. Fe			
PROPRIETARY INERT	5 - 10	10 mg/m³			
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	20 ppm			
ALUMINA 1344-28-1	1 - 5	10 mg/m³ The value is for particulate matter containing no asbestos and <1% crystalline silica.			
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5	25 PPM			
STRONTIUM CHROMATE 7789-06-2	1 - 5	0.0005 mg/m³ Cr			
METHYL ETHYL KETONE 78-93-3	1 - 5	200 ppm	300 ppm		
TITANIUM DIOXIDE 13463-67-7	1 - 5	10 mg/m³			
N-BUTYL ALCOHOL 71-36-3	1 - 5	20 ppm			
NAPHTHALENE 91-20-3	.1 - 1	10 PPM	15 PPM		Can be absorbed through the skin.
CARBON BLACK 1333-86-4	.1 - 1	3.5 mg/m³			
ETHYLBENZENE 100-41-4	.1 - 1	100 ppm	125 ppm		
FORMALDEHYDE 50-00-0	0 - .099			0.3 ppm	

If this section is blank, no information is available.

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Liquid
pH:	Not determined.

9. PHYSICAL PROPERTIES

Vapor pressure:	78 mmHG @ 68° F (20° C)
Vapor density (air = 1.0):	4.7
Boiling point:	156° F (69° C)
Solubility in water:	Slightly Soluble
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	10.15
Specific Gravity:	1.22
Evaporation rate (butyl acetate = 1.0):	5.6

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	This product may react with water, acids, and caustics, slowly producing gas and heat.
Incompatibility:	Strong oxidizers.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Silicon dioxide. Carbon monoxide and carbon dioxide. Metal oxide fumes. Nitrogen compounds. Formaldehyde.
Sensitivity to static discharge:	Subject to static discharge hazards. Please see bonding and grounding information in Section 7.

11. TOXICOLOGICAL INFORMATION

Mutagens:

Teratogens:

Contains ethylbenzene, which has been determined by NTP to be an animal carcinogen with no known relevance to humans. IARC has classified ethylbenzene as possibly carcinogenic to humans (2b) on the basis of sufficient evidence of carcinogenicity in laboratory animals but inadequate evidence of cancer in humans. Possible cancer hazard. Contains ingredients which may cause cancer based on animal data. Risk to your health depends upon the level and duration of exposure. 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.

Common 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	1 - 5			2B Possible Carcinogen
NAPHTHALENE 91-20-3	.1 - 1			POSSIBLY CARCINOGENIC IN HUMANS BASED ON ANIMAL STUDIES
CARBON BLACK 1333-86-4	.1 - 1			Monograph 65, 1996
ETHYLBENZENE 100-41-4	.1 - 1			Monograph 77, 2000
FORMALDEHYDE 50-00-0	0 - .099	MONOGRAPH 62, 1995		

Common Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity

STRONTIUM CHROMATE 7789-06-2	1 - 5	Known carcinogen.		
NAPHTHALENE 91-20-3	.1 - 1		Anticipated carcinogen.	
ETHYLBENZENE 100-41-4	.1 - 1			male rat-clear evidence; female rat-some evidence; male mice-some evidence; female mice-some evidence
FORMALDEHYDE 50-00-0	0 - .099		Anticipated carcinogen.	

Common Name CAS-No.	Approx. Weight %	OSHA Select Carcinogens	OSHA Possible Select Carcinogens	ACGIH Carcinogens
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5			Group A3 Confirmed animal carcinogen with unknown relevance to humans.
STRONTIUM CHROMATE 7789-06-2	1 - 5			Group A2 Suspected human carcinogen.
ETHYLBENZENE 100-41-4	.1 - 1			Group A3 Confirmed animal carcinogen with unknown relevance to humans.
FORMALDEHYDE 50-00-0	0 - .099		Potential cancer hazard.	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: PAINT
Hazard Class: 3
UN ID Number: UN1263
Packing Group: III

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.

International Air Transport Association:

Proper Shipping Name: Paint
Hazard Class: 3
UN ID Number: UN1263
Packing Group: III

International Maritime Organization:

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

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	1 - 5		YES	
ALUMINA 1344-28-1	1 - 5		Listed.	
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5		Listed.	
STRONTIUM CHROMATE 7789-06-2	1 - 5		YES	10
METHYL ETHYL KETONE 78-93-3	1 - 5			5000
N-BUTYL ALCOHOL 71-36-3	1 - 5		form R reporting required for 1.0% de minimis concentration	5000
NAPHTHALENE 91-20-3	.1 - 1		Listed.	100
ETHYLBENZENE 100-41-4	.1 - 1		form R reporting required for 1.0% de minimis concentration	1000
FORMALDEHYDE 50-00-0	0 - .099	Listed.	form R reporting required for 0.1% de minimis concentration	100

SARA 311/312 Hazard Class:

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

U.S. STATE REGULATIONS:

Pennsylvania Right To Know:

STRONTIUM CHROMATE	7789-06-2
TITANIUM DIOXIDE	13463-67-7
PROPRIETARY INERT	Trade Secret
N-BUTYL ALCOHOL	71-36-3
2-METHOXY-1-METHYLETHYL ACETATE	108-65-6
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2
ALUMINA	1344-28-1
IRON OXIDE	1309-37-1
PROPRIETARY RESIN	Trade Secret
STRONTIUM CHROMATE	7789-06-2
FORMALDEHYDE	50-00-0
AROMATIC NAPHTHA, HEAVY	64742-94-5
AROMATIC NAPHTHA, LIGHT	64742-95-6
METHYL ETHYL KETONE	78-93-3
1,2,4-TRIMETHYLBENZENE	95-63-6

Additional Non-Hazardous Materials

PROPRIETARY RESIN	Trade Secret
SUPPLIER TRADE SECRET	Trade Secret

California Proposition 65:
WARNING: This product contains chemicals known to the State of California to cause cancer.

Rule 66 status of product 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: Not all components in this product are listed on the Domestic Substances List.

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:
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