The Valspar Corporation
Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: **059.TY25669**
Product Name: BLITZ 2G
Product Use: Paint product.
Effective date: 06/Sep/2005
Revision Date 18/Jul/2005
UN ID Number: UN1263
WHMIS Classification: D2B Toxic Material D2A Very Toxic Material B2 Flammable Liquids

Company Identification
Valspar, Inc.
645 Coronation Drive
West Hill, Ontario MIE 4R6
Tech Info Phone: 1-416-284-1681

24-Hour Medical Emergency Phone: 1-888-345-5732

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS-No.	Approx. Weight %	Chemical Name	CAS Number	Trade Secret Number
XYLENE 1330-20-7	35 - 40	Xylenes (o-, m-, p-isomers)	1330-20-7	
TALC PIGMENT 14807-96-6	15 - 20	TALC (MG3H2(SI03)4)	14807-96-6	
ETHYLBENZENE 100-41-4	5 - 10	Ethyl benzene	100-41-4	
VM&P NAPHTHA 64742-89-8	1 - 5	SOLVENT NAPHTHA, PETROLEUM, LIGHT ALIPH	64742-89-8	
CARBON BLACK PIGMENT 1333-86-4	1 - 5	CARBON BLACK	1333-86-4	
AROMATIC NAPHTHA, LIGHT 64742-95-6	1 - 5	Petroleum naphtha, light aromatic	64742-95-6	
ZINC OXIDE 1314-13-2	1 - 5	Zinc oxide	1314-13-2	
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5	PSEUDO CUMENE	95-63-6	
TOLUENE 108-88-3	.1 - 1	Toluene	108-88-3	
CRYSTALLINE SILICA 14808-60-7	.1 - 1	QUARTZ (Si02)	14808-60-7	

If this section is blank there are no hazardous components per OHSA 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 moderate eye irritation.

Skin Contact:
May cause moderate skin irritation.

Acute Ingestion:
None known

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. Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis). Possible cancer hazard. Contains ingredients which may cause cancer based on animal data. Risk of cancer depends on 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.

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.

Ingestion:
If swallowed , do not induce vomiting. Give large quantities of water. If available, give several glasses of milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	79º F (26º C) TCC/PM
Lower explosive limit:	1 %

Upper explosive limit:	7 %
Autoignition temperature:	Not available. º F (º 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 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. Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

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 contact with eyes.

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.

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. 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
XYLENE 1330-20-7	35 - 40	435 mg/m^3 100 ppm		
TALC PIGMENT 14807-96-6	15 - 20	5 mg/m^3 Respirable fraction. 15 mg/m^3 Total dust. Respirable fraction. Listed. Total dust. Listed. Respirable. Listed.		
ETHYLBENZENE 100-41-4	5 - 10	435 mg/m^3 100 ppm		
CARBON BLACK PIGMENT 1333-86-4	1 - 5	3.5 mg/m^3 5 mg/m^3 Respirable fraction. 15 mg/m^3 Total dust. Respirable fraction. Listed. Total dust. Listed.		
ZINC OXIDE 1314-13-2	1 - 5	5 mg/m^3 Respirable fraction. 15 mg/m^3 Total dust. 5 mg/m^3 Fume. Respirable fraction. Listed. Total dust. Listed.		
TOLUENE 108-88-3	.1 - 1	200 ppm	300 ppm	
CRYSTALLINE SILICA 14808-60-7	.1 - 1	5 mg/m^3 Respirable fraction. 15 mg/m^3 Total dust. Respirable fraction. Listed. Total dust. Listed. Respirable. Listed.		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
XYLENE 1330-20-7	35 - 40	100 ppm	150 ppm		
TALC PIGMENT 14807-96-6	15 - 20	10 mg/m^3 Inhalable particles. 3 mg/m^3 Respirable particles. 2 mg/m^3 Respirable fraction. The value is for particulate matter containing no asbestos and <1% crystalline silica.			
ETHYLBENZENE 100-41-4	5 - 10	100 ppm	125 ppm		
CARBON BLACK PIGMENT 1333-86-4	1 - 5	3.5 mg/m^3 10 mg/m^3 Inhalable particles. 3 mg/m^3 Respirable particles.			
ZINC OXIDE 1314-13-2	1 - 5	10 mg/m^3 Inhalable particles. 3 mg/m^3 Respirable particles. 2 mg/m^3 Respirable fraction.	10 mg/m^3 Respirable fraction.		
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5	25 ppm			
TOLUENE 108-88-3	.1 - 1	50 ppm			Can be absorbed through the skin.
CRYSTALLINE SILICA 14808-60-7	.1 - 1	10 mg/m^3 Inhalable particles. 3 mg/m^3 Respirable particles. 0.05 mg/m^3 Respirable fraction.			

If this section is blank, no information is available.

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Odor threshold:	Not available.
Physical State:	Liquid
pH:	Not determined.
Vapor pressure:	15 mmHG @ 68º F (Not Available. º C)
Vapor density (air = 1.0):	4.3
Boiling point:	240º F (116º C)
Solubility in water:	Insoluble.
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	8.98
Specific Gravity	1.08

Evaporation rate (butyl acetate = 1.0): 1.1

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: None known.
Incompatibility: Strong oxidizers.
Hazardous Polymerization: None anticipated.
Hazardous Decomposition Products: Carbon monoxide and carbon dioxide. Metal oxide fumes. Nitrogen compounds.

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

11. TOXICOLOGICAL INFORMATION

Common Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
XYLENE 1330-20-7	35 - 40	Inhalation LC50 Rat : 5000 ppm/4H Oral LD50 Rat : 4300 mg/kg Dermal LD50 Rabbit : >1700 mg/kg
ETHYLBENZENE 100-41-4	5 - 10	Oral LD50 Rat : 3500 mg/kg Dermal LD50 Rabbit : 17800 uL/kg
CARBON BLACK PIGMENT 1333-86-4	1 - 5	Oral LD50 Rat : >15400 mg/kg Dermal LD50 Rabbit : >3 gm/kg
AROMATIC NAPHTHA, LIGHT 64742-95-6	1 - 5	Oral LD50 Rat : 8400 mg/kg
ZINC OXIDE 1314-13-2	1 - 5	Inhalation LC50 Mouse : 2500 mg/m^3 Oral LD50 Mouse : 7950 mg/kg
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5	Inhalation LC50 Rat : 18 gm/m^3/4H Oral LD50 Rat : 5 gm/kg
TOLUENE 108-88-3	.1 - 1	Inhalation LC50 Rat : 49 gm/m^3/4H Inhalation LC50 Mouse : 400 ppm/24H Oral LD50 Rat : 636 mg/kg Dermal LD50 Rabbit : 14100 uL/kg

Mutagens:

Common Name CAS-No.	Approx. Weight %	Calif- Prop. 65. Developmental Toxicity	California Prop 65 - reproductive male
TOLUENE 108-88-3	.1 - 1	Listed: January 1, 1991 Developmental toxin.	

Teratogens:

Carcinogens:
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. Contains crystaline silica. The IARC has determined that crystaline silica inhaled in the form of quartz or cristobablite from occupational sources is carcinogenic to humans (group 1). Refer to IARC monograph 68 in conjunction with the use of these materials. Risk of cancer depends on the duration and level of exposure. In coatings products, risk is due primarily to inhalation of sanding dusts or respirable particles in spray mists. The NTP has also determined that crystaline silica is a known human carcinogen in the form of fine, breathable particles. Risk of cancer depends on duration and level of exposure in coatings products, risk is due primarily to inhalation of sanding dust or respirable particles in spray mist.

Common Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - limited human data	IARC Group 2b - sufficient animal data
ETHYLBENZENE 100-41-4	5 - 10			Monograph 77, 2000
CARBON BLACK PIGMENT 1333-86-4	1 - 5			Monograph 65, 1996
CRYSTALLINE SILICA 14808-60-7	.1 - 1	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
TALC PIGMENT 14807-96-6	15 - 20			male rat-some evidence; female rat-clear evidence; male mice-no evidence; female mice-no evidence
ETHYLBENZENE 100-41-4	5 - 10			male rat-clear evidence; female rat-some evidence; male mice-some evidence; female mice-some evidence
TOLUENE 108-88-3	.1 - 1			MALE RAT - NO EVIDENCE; FEMALE RAT - NO EVIDENCE; MALE MICE - NO EVIDENCE; FEMALE MICE - NO EVIDENCE.
CRYSTALLINE SILICA 14808-60-7	.1 - 1	Known carcinogen.		

Common Name CAS-No.	Approx. Weight %	OSHA Select carcinogens	OSHA Possible select carcinogens	ACGIH Carcinogens
ETHYLBENZENE 100-41-4	5 - 10			Group A3 Confirmed animal carcinogen with unknown relevance to humans.
CRYSTALLINE SILICA 14808-60-7	.1 - 1			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

Canadian Transport of Dangerous Goods

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

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
UN ID Number: UN1263
Packing Group: III

15. REGULATORY INFORMATION

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.

Canada National Pollutant Release Inventory:

Common Name **CAS-No.**	**Approx.** **Weight %**	**NPRI Status**
XYLENE 1330-20-7	35 - 40	[reporting required]
ETHYLBENZENE 100-41-4	5 - 10	[reporting required]
ZINC OXIDE 1314-13-2	1 - 5	YES
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5	[reporting required]
TOLUENE 108-88-3	.1 - 1	[reporting required]

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.

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.

Preparation Information:

Prepared By:	Regulatory Affairs Department
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Technical Information:

The Valspar Corporation
1101 Third Street South
Minneapolis, MN 55415
Tech Info Phone: 1-416-284-1681

24-Hour Medical Emergency Phone: 1-888-345-5732