

Bob Faint

The Valspar Corporation Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: 22-F149A
Product Name: GRAY SPRAY W/R PRIMER
Product Use: Paint product.
Date Published: 2002/05/11
Revision Date: 2002/04/18

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 #	Approx Wt%	Chemical name
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	10 - 15	2-Butoxyethanol
TALC 14807-96-6	10 - 15	TALC (MG3H2(SI03)4)
Trade Secret : PROPRIETARY PIGMENT	5 - 10	PROPRIETARY PIGMENT
CARBON BLACK 1333-86-4	.1 - 1	Carbon black
Trade Secret : PROPRIETARY INERT	.1 - 1	PROPRIETARY INERT
CRYSTALLINE SILICA 14808-60-7	.1 - 1	QUARTZ (SiO2)

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Emergency Overview:

This section not in use.

Product ID: 22-F149A

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.

Eye Contact:

May cause moderate eye irritation.

Skin Contact:

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. Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis). Contains glycol ether which has been shown to cause blood effects damage in laboratory animals. May cause kidney damage. May cause liver damage. 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.

4. FIRST AID MEASURES

Inhalation:

If inhaled, move victim to fresh air and 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):	210° F (98.89° 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:

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. Avoid contact with eyes.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Keep container closed when not in use. Keep from freezing. Do not cut, drill, grind, or weld on or near this container. Since emptied containers may contain product residue, follow all label warnings, even after container is emptied.

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:

Unless air monitoring demonstrates vapor/mist levels above applicable limits, no respirator is required. If respirator is required, the appropriate, properly fitted respirator (NIOSH approved) should be worn during application. Follow respirator manufacturers directions for respirator use.

Ventilation

Required when spraying or applying in confined area.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Common Name CAS #	Approx Wt%	TWA (final)	Ceilings limits (final)	Skin designations
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ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	10 - 15	50 ppm TWA; 240 mg/m3 TWA		prevent or reduce skin absorption
TALC 14807-96-6	10 - 15	see Table Z-3		
Trade Secret : PROPRIETARY PIGMENT	5 - 10	15 mg/m3 TWA (total dust)		
CARBON BLACK 1333-86-4	.1 - 1	3.5 mg/m3 TWA		
CRYSTALLINE SILICA 14808-60-7	.1 - 1	see Table Z-3		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS #	Approx Wt%	TWA	STEL	Ceiling limits	Skin designations
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	10 - 15	20 ppm TWA			skin - potential for cutaneous absorption
TALC 14807-96-6	10 - 15	2 mg/m3 TWA (this TLV is for the respirable fraction of dust for Talc containing no asbestos and <1% crystalline silica)			
Trade Secret : PROPRIETARY PIGMENT	5 - 10	10 mg/m3 TWA			
CARBON BLACK 1333-86-4	.1 - 1	3.5 mg/m3 TWA			
CRYSTALLINE SILICA 14808-60-7	.1 - 1	0.05 mg/m3 TWA (this TLV is for the respirable fraction of dust)			

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Liquid
pH:	Not determined.
Vapor pressure:	24 mmHG @ 77° F (25° C)
Vapor density (air = 1.0):	4.1
Boiling point:	212° F (100° C)
Solubility in water:	Not determined.
Coefficient of water/oil distribution:	Not determined.
Density (weight per gallon):	10.034
Specific gravity (water = 1):	1.2
Evaporation rate (butyl acetate = 1.0):	0.4

10. STABILITY AND REACTIVITY

Stability:	This product is stable.
Conditions to Avoid:	None known.

Incompatibility: Strong oxidizers.
 Hazardous Polymerization: None anticipated.
 Hazardous Decomposition Products: Silicon dioxide. Carbon monoxide and carbon dioxide. Metal oxide fumes.

11. TOXICOLOGICAL INFORMATION

Contains crystalline silica. The IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite 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 reparable particles in spray mists. The NTP has also determined that crystalline 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 #	Approx Wt%	IARC Group 1 - Human Evidence	IARC Group 2A - limited human data	IARC Group 2b - sufficient animal data
CARBON BLACK 1333-86-4	.1 - 1			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 #	Approx Wt%	NTP Known carcinogens	NTP Suspect carcinogens	NTP Evidence of carcinogenicity
TALC 14807-96-6	10 - 15			male rat-some evidence; female rat- clear evidence; male mice-no evidence; female mice-no evidence
CRYSTALLINE SILICA 14808-60-7	.1 - 1	Known Carcinogen		

Common Name CAS #	Approx Wt%	OSHA Select carcinogens	OSHA Possible select carcinogens	ACGIH Carcinogens
CARBON BLACK 1333-86-4	.1 - 1		Monograph 65, 1996 IARC - Group 2B (Possibly carcinogenic to humans)	A4 - Not Classifiable as a Human Carcinogen
CRYSTALLINE SILICA 14808-60-7	.1 - 1	Monograph 68, 1997; (Inhaled in the form of quartz or cristobalite from occupational sources) IARC - Group 1 (carcinogenic to humans) Known Carcinogen NTP Ninth Report - Known Carcinogens		A2 - Suspected Human Carcinogen

12. ECOLOGICAL DATA

Not available at this time.

13. DISPOSAL CONSIDERATIONS

Product ID: 22-F149A

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

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation

Proper Shipping Name: PAINT, NOT REGULATED

49 CFR Hazardous Material Regulations Parts 100-180

Valspar will apply the combustible liquid exception in 49 CFR 173.150(f), limited quantity 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: PAINT, NOT REGULATED

International Maritime Organization:

Proper Shipping Name: Paint, Not Regulated

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Common Name CAS #	Approx Wt%	SARA 302	SARA 313	CERCLA RQ
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	10 - 15		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:

TALC	14807-96-6
PROPRIETARY PIGMENT	Trade Secret
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2

Additional Non-Hazardous Materials

PROPRIETARY INERT	Trade Secret
WATER	7732-18-5
PROPRIETARY RESIN	Trade Secret
PROPRIETARY RESIN	Trade Secret

California Proposition 65:

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

Product ID: 22-F149A

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 in this product are not listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health:	2
Flammability:	1
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 Substance Chemical Administration, 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.

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.

Material Safety Data Sheets (MSDS) for the product(s) you ordered from Rohm and Haas Company are enclosed. By means of the Rohm and Haas automated MSDS distribution system, you will receive new MSDS for these products if there are any revisions within the next year. You will also receive new copies of these MSDS annually if you are a regular purchaser of these products.

It is important that these MSDS are made available to all those who handle or use these products. We wish to assist you in this effort. If there are specific individuals in your organization who are in a better position to provide effective hazard communication as required under the OSHA Standard, please send us their address information. Subsequent mailings will include these individuals.

AMWELD BUILDING PRODUCTS
100 PLANT ST
NILES, OH
44446
USA

27 September 2004

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As part of our Product Stewardship Program, we provide MSDS in conformance with the OSHA Hazard Communication Standard and/or state regulations. However, you may note that not all our products are considered hazardous under the Standard. Nevertheless, these MSDS provide you and your employees with important information concerning the safe handling, use, and disposal of these products.

You may be required to submit this MSDS and others that you receive to state and local emergency response organizations (SERC and LEPC) and to your local fire department. This requirement stems from the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA). In addition, the product may contain a chemical which is subject to the requirements of Section 313 of EPCRA. If a product contains one or more of these materials, they will be identified in Section 15 of the MSDS. These laws requires certain manufacturers to report their annual releases (as defined by the regulations) of specified chemicals listed in Section 313. You may be covered by other parts of the law, depending on which chemicals and the amount of the chemicals that you have at your facility. EPCRA includes the following basic requirements for facility operators:

Facilities that manufacture, process and use hazardous substances listed by the Environmental Protection Agency (EPA) in excess of designated quantities must:

- Provide emergency notification of releases;
- Submit inventory forms to the SERC, LEPC, and local fire departments;
- Submit emissions information to EPA and SERC; and
- May face penalties for noncompliance.

To assist you in complying with the U.S. Toxic Substances Control Act (TSCA), the inventory status is identified in Section 15 of the product's MSDS. If Section 15 of our MSDS cites a TSCA R&D Exemption, then:

- One or more of the constituents in our products are not listed on the TSCA inventory.
- This product may not be put into materials or devices that are placed into commerce.
- This product is provided solely for research and development (R &D) activities in accordance with regulations issued by the U.S. EPA (40 CFR 720.36 and 720.78).

These regulations require, in part, that the substance be used:

1. Solely for research and development purposes.
2. Under direction of technically qualified individuals.
3. Following documented prudent laboratory handling practices (29 CFR 1910.1450).

You may learn more about these requirements by calling the EPA Hotline 800-424-9346.

We appreciate your business and continue to strive to provide you with high quality products and effective information for their safe use.

Hazard Communication Department
Rohm and Haas Company

BASF Corporation

BASF

HELPING MAKE PRODUCTS BETTER™

Safety data sheet

STYROPOR® BFL 222

Revision date : 2004/02/17
Version: 2.0

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(30079324/MDS_GEN_US/EN)

Repeated dose toxicity:

No data available concerning repeated dose toxicity.

Medical conditions aggravated by overexposure:

Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.

4. First-aid measures

General advice:

Remove contaminated clothing.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. If difficulties occur: Seek medical attention.

If on skin:

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes:

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. If irritation develops, seek medical attention.

If swallowed:

No hazards anticipated. Rinse mouth and then drink plenty of water. If difficulties occur: Seek medical attention.

Note to physician

Treatment: Treat according to the symptoms under clinical conditions.

5. Fire-fighting measures

Flash point:	225 - 235 °F	(ASTM D3278)
Lower explosion limit:	1.4 %(V)	(air)
Upper explosion limit:	8.5 %(V)	(air)

Suitable extinguishing media:

dry extinguishing media, water, carbon dioxide, foam

Hazards during fire-fighting:

Substance/product is dangerous when exposed to heat or flames.

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

When large quantities of solid substance/product are involved, melting may occur, in which condition, application of water may cause extensive scattering of molten material. Dense smoke produced during combustion may obscure vision. To prevent re-ignition of interior, target center of fire with large amounts of water. Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.