



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: IF6840
Product Name: BLACK CAT URETHANE
Product Use: Powder paint
Print date: 27/Mar/2010
Revision Date: 03/Sep/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:

- May cause eye irritation.

Skin Contact:

- Causes mild skin irritation.

Ingestion:

None known.

Inhalation:

- May cause irritation of respiratory tract.

Target Organ and Other Health Effects:

- Kidney injury may occur.

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

- Chronic exposure may cause permanent damage of health.
- Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis).

Carcinogens:

- Possible cancer hazard. Contains material which may cause cancer based on animal data.
- Cancer hazard. Contains material which can cause cancer.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

| Ingredient Name CAS-No. | Approx. Weight % | Chemical Name |
|------------------------------------|-----------------------------|----------------------------|
| PROPRIETARY INERT | 30 - 35 | PROPRIETARY INERT |
| C.I. PIGMENT BLACK 7 1333-86-4 | .1 - 1 | Carbon black |
| SILICA 14808-60-7 | .1 - 1 | QUARTZ (SiO ₂) |

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

4. FIRST AID MEASURES**Eye Contact:**

Get medical attention, if symptoms develop or persist. Immediately flush eye(s) with plenty of water. Do not rub eye.

Skin Contact:

Wash off with plenty of water.

Ingestion:

Get medical attention if symptoms occur

Inhalation:

Move to fresh air. Get medical attention, if symptoms develop or persist.

Medical conditions aggravated by exposure:

Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

| | |
|----------------------------------|--|
| Flash point (Fahrenheit): | 950 |
| Flash point (Celsius): | 510 |
| Lower explosive limit (%): | not determined |
| Upper explosive limit (%): | not determined |
| Autoignition temperature: | not determined |
| 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:

Refer to 1995 edition of NFPA 33 Appendix A. A minimum explosive concentration of dust in the air of 30 grams per cubic meter of air can be used. Dust control and good housekeeping are required. Dust may also carry a static charge. Make sure equipment and personnel are grounded to avoid static discharge.

Extinguishing media:

Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures:

Decomposes without flashing

6. ACCIDENTAL RELEASE MEASURES

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Action to be taken if material is released or spilled:

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Minimize the free fall distance of powder when loading, unloading or conveying to avoid dust generation and potential static discharge. Keep container closed when not in use. Keep away from heat, sparks and open flame. - No smoking. To prevent caking of product, do not store above 80 degree F. (27 degree C.).

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:

Safety glasses (with side shields) Wear safety glasses or goggles to protect against exposure.

Skin protection:

Appropriate chemical resistant gloves should be worn.

Other Personnel Protection Data:

Usual industrial work clothes.

Respiratory protection:

Required for dusts and fume conditions.

Ventilation

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. Use only in well-ventilated areas. Ensure adequate ventilation, especially in confined areas.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

| Ingredient Name CAS-No. | Approx. Weight % | TWA (final) | Ceilings limits (final) | Skin designations |
|-----------------------------------|---------------------|--|-------------------------|-------------------|
| PROPRIETARY INERT | 30 - 35 | 15 mg/m ³ TWA dust total 5 mg/m ³ TWA respirable fraction | | |
| C.I. PIGMENT BLACK 7 1333-86-4 | .1 - 1 | 3.5 mg/m ³ TWA | | |
| SILICA 14808-60-7 | .1 - 1 | Respirable. Listed. Total dust. Listed. | | |

ACGIH Threshold Limit Value (TLV's)

| Ingredient Name CAS-No. | Approx. Weight % | TWA | STEL | Ceiling limits | Skin designations |
|-----------------------------------|---------------------|--|------|----------------|-------------------|
| PROPRIETARY INERT | 30 - 35 | 10 mg/m ³ Inhalable particles. 3 mg/m ³ Respirable particles. | | | |
| C.I. PIGMENT BLACK 7 1333-86-4 | .1 - 1 | 3.5 mg/m ³ TWA | | | |

| Ingredient Name CAS-No. | Approx. Weight % | TWA | STEL | Ceiling limits | Skin designations |
|----------------------------|---------------------|--|------|----------------|-------------------|
| SILICA 14808-60-7 | .1 - 1 | 0.025 mg/m ³ TWA respirable fraction | | | |

9. PHYSICAL PROPERTIES

| | |
|---|-----------------------------------|
| Odor: | Powder with no distinct odor. |
| Physical State: | powder |
| pH: | not determined |
| Vapor pressure: | not determined mmHg @ 68°F (20°C) |
| Boiling point: | not determined |
| Solubility in water: | not determined |
| Coefficient of water/oil distribution: | not determined |
| Density (lbs per US gallon): | 11.87 |
| Specific Gravity: | 1.42 |
| Evaporation rate (butyl acetate = 1.0): | not determined |
| Flash point (Fahrenheit): | 950 |
| Flash point (Celsius): | 510 |
| Lower explosive limit (%): | not determined |
| Upper explosive limit (%): | not determined |
| Autoignition temperature: | not determined |

10. STABILITY AND REACTIVITY

| | |
|-----------------------------------|-------------------------------------|
| Stability: | Stable under normal conditions. |
| Conditions to Avoid: | None known. |
| Incompatibility: | Strong oxidizing agents Acids |
| Hazardous Polymerization: | None anticipated. |
| Hazardous Decomposition Products: | Carbon monoxide and carbon dioxide. |

Sensitivity to static discharge: Sensitivity to static discharge is not expected.

11. TOXICOLOGICAL INFORMATION

| Ingredient Name CAS-No. | Approx. Weight % | NIOSH - Selected LD50s and LC50s |
|-----------------------------------|---------------------|--|
| C.I. PIGMENT BLACK 7 1333-86-4 | .1 - 1 | > 15400 mg/kg Oral LD50 Rat > 3 g/kg Dermal LD50 Rabbit |
| SILICA 14808-60-7 | .1 - 1 | = 500 mg/kg Oral LD50 Rat |

Mutagens/Teratogens/Carcinogens:

Possible cancer hazard. Contains material which may cause cancer based on animal data. Cancer hazard. Contains material which can cause cancer.

IARC has classified carbon black as possibly carcinogenic to humans (Group 2B). 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 respirable 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.

| Ingredient Name CAS-No. | Approx. Weight % | California Prop 65 - Reproductive (Female) | California Prop 65 - Carcinogen |
|------------------------------------|-----------------------------|---|--|
| SILICA 14808-60-7 | .1 - 1 | | Listed. initial date 10/1/88 - carcinogen |

| 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. PIGMENT BLACK 7 1333-86-4 | .1 - 1 | | | Monograph 65 [1996] |
| SILICA 14808-60-7 | .1 - 1 | Monograph 68 [1997] | | |

| Ingredient Name CAS-No. | Approx. Weight % | NTP Known Carcinogens | NTP Suspect Carcinogens | NTP Evidence of Carcinogenicity |
|------------------------------------|-----------------------------|----------------------------------|------------------------------------|--|
| SILICA 14808-60-7 | .1 - 1 | Known Human Carcinogen | | |

| Ingredient Name CAS-No. | Approx. Weight % | OSHA - Hazard Communication Carcinogens | OSHA - Specifically Regulated Carcinogens | ACGIH Carcinogens |
|------------------------------------|-----------------------------|--|--|----------------------------------|
| C.I. PIGMENT BLACK 7 1333-86-4 | .1 - 1 | Present | | |
| SILICA 14808-60-7 | .1 - 1 | Present | | A2 Suspected Human Carcinogen |

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): NRPDRY
Proper Shipping Name: PAINT, DRY, NOT REGULATED

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): NRPDRY
Proper Shipping Name: PAINT, DRY, NOT REGULATED

International Maritime Organization (IMO):

IMO UN/ID Number (msds): NRPDRY
Proper Shipping Name: PAINT, DRY, NOT REGULATED

15. REGULATORY INFORMATION

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U.S. FEDERAL REGULATIONS:

SARA 311/312 Hazard Class:

| | |
|------------------|-----|
| Acute: | yes |
| Chronic: | yes |
| Flammability: | no |
| 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:

| | |
|-------------------|--------------|
| PROPRIETARY INERT | Trade Secret |
|-------------------|--------------|

Additional Non-Hazardous Materials

| | |
|----------------------|--------------|
| PROPRIETARY ADDITIVE | Trade Secret |
| PROPRIETARY RESIN | Trade Secret |
| PROPRIETARY RESIN | Trade Secret |

California Proposition 65:

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

| | |
|---------------------------|-------------------------------|
| 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: | 1* |
| 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 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 |
| Print date: | 27/Mar/2010 |
| Revision Date: | 03/Sep/2009 |