

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: 140.0003241.007
Product Name: BLEACHING OIL
Product Use: Paint product.
Print date: 24/Feb/2011
Revision Date: 20/Mar/2010

Company Identification

The Valspar Corporation - Architectural Coatings Division
1191 Wheeling Road
Wheeling, IL 60090

Manufacturer's Phone: 1-847-520-8580

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

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Eye Contact:

- Severe eye irritation
- Risk of serious damage to eyes.

Skin Contact:

- Causes skin irritation.
- Harmful if absorbed through skin.
- May cause sensitization by skin contact.
- Can be absorbed through skin.

Ingestion:

- Irritation of the mouth, throat, and stomach.
- Harmful if swallowed.
- Aspiration hazard if swallowed - can enter lungs and cause damage.

Inhalation:

- Causes respiratory tract irritation.
- Toxic by inhalation.
- May cause bronchopneumonia or bronchitis.

Target Organ and Other Health Effects:

- Liver injury may occur.
- Causes headache, drowsiness or other effects to the central nervous system.
- Kidney injury may occur.
- Blood disorders

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.
- Possible sensitization.
- Prolonged exposure over TLV may produce pneumoconiosis.

Carcinogens:

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

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
STODDARD SOLVENT 8052-41-3	35 - 40	Stoddard solvent
PROPRIETARY OIL	10 - 15	PROPRIETARY OIL
TALC 14807-96-6	1 - 5	Talc (Mg3H2(SiO3)4)
PROPRIETARY ADDITIVE	1 - 5	PROPRIETARY ADDITIVE
1,3,5-TRIMETHYLBENZENE 108-67-8	1 - 5	1,3,5-Trimethylbenzene
ZINC BORATE 1332-07-6	1 - 5	Zinc borate
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5	1,2,4-Trimethylbenzene
XYLENE 1330-20-7	1 - 5	Xylenes (o-, m-, p- isomers)
CHLOROTHALONIL 1897-45-6	.1 - 1	1,3-BENZENEDICARBONITRILE,2,4,5,6-TETRACHLORO-
FOLPET 133-07-3	.1 - 1	Folpet
ORGANOSULFUR COMPOUND 133-06-2	.1 - 1	Captan
TITANIUM DIOXIDE 13463-67-7	.1 - 1	Titanium dioxide

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

4. FIRST AID MEASURES

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Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. If medical assistance is not immediately available, flush an additional 15 minutes. Get medical attention immediately.

Skin Contact:

Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

Ingestion:

Rinse mouth with water. Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention immediately.

Inhalation:

Move injured person into fresh air and keep person calm under observation. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Get medical attention immediately.

Medical conditions aggravated by exposure:

Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	105
Flash point (Celsius):	41
Lower explosive limit (%):	1
Upper explosive limit (%):	6
Autoignition temperature:	not determined
Sensitivity to impact:	no
Sensitivity to static discharge:	Can be sensitive 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. Oxidizing Material

Extinguishing media:

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

Fire fighting procedures:

Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:

Ventilate the area. Avoid breathing dust or vapor. 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 7, "Handling and Storage", for proper container and storage procedures. Remove all sources of ignition. Soak up with inert absorbent material. Use only non-sparking tools. Avoid contact with eyes.

7. HANDLING AND STORAGE

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Precautions to be taken in handling and storage:

Keep away from heat, sparks and open flame. - No smoking. 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:

Wear chemical goggles with splash shields or face shield. Contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury in case of exposure.

Skin protection:

Appropriate chemical resistant gloves should be worn.

Other Personal Protection Data:

To prevent skin contact wear protective clothing covering all exposed areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection:

Wear appropriate, properly fitted respirator (NIOSH approved) during spray application or in other situation where mists may be generated unless air monitoring vapor mist levels are below applicable limits-- where applicable limits have been established. When respirators are used, follow respirator manufacturers directions for use. Have available emergency self-contained breathing apparatus or full-face airline respirator when using this chemical.

Ventilation

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

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
STODDARD SOLVENT 8052-41-3	35 - 40	2900 mg/m ³ TWA 500 ppm TWA		
TALC 14807-96-6	1 - 5	Respirable. Listed. Total dust. Listed.		
PROPRIETARY ADDITIVE	1 - 5	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)		
XYLENE 1330-20-7	1 - 5	100 ppm TWA 435 mg/m ³ TWA		
TITANIUM DIOXIDE 13463-67-7	.1 - 1	15 mg/m ³ TWA dust total		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
STODDARD SOLVENT 8052-41-3	35 - 40	100 ppm TWA			
TALC 14807-96-6	1 - 5	2 mg/m ³ TWA respirable fraction, particulate matter containing no asbestos and <1% crystalline silica			
1,3,5-TRIMETHYLBENZENE 108-67-8	1 - 5	25 ppm			
ZINC BORATE 1332-07-6	1 - 5	2 mg/m ³ TWA inhalable fraction	6 mg/m ³ STEL inhalable fraction		
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5	25 PPM			
XYLENE 1330-20-7	1 - 5	100 ppm TWA	150 ppm STEL		
ORGANOSULFUR COMPOUND 133-06-2	.1 - 1	5 mg/m ³ TWA inhalable fraction			
TITANIUM DIOXIDE 13463-67-7	.1 - 1	10 mg/m ³ TWA			

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	90.2255639 mmHg @ 77°F (25°C)
Vapor density (air = 1.0):	5
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	9.32
Specific Gravity:	1.12
Evaporation rate (butyl acetate = 1.0):	1
Flash point (Fahrenheit):	105
Flash point (Celsius):	41
Lower explosive limit (%):	1
Upper explosive limit (%):	6
Autoignition temperature:	not determined

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Heat.
Incompatibility:	Strong oxidizing agents
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Silicon dioxide. Carbon monoxide and carbon dioxide. Metal oxide fumes.

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

11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
1,3,5-TRIMETHYLBENZENE 108-67-8	1 - 5	= 24 g/m ³ Inhalation LC50 Rat 4 h = 5000 mg/kg Oral LD50 Rat
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5	= 18 g/m ³ Inhalation LC50 Rat 4 h = 3400 mg/kg Oral LD50 Rat > 3160 mg/kg Dermal LD50 Rabbit
XYLENE 1330-20-7	1 - 5	= 4300 mg/kg Oral LD50 Rat = 47635 mg/L Inhalation LC50 Rat 4 h = 5000 ppm Inhalation LC50 Rat 4 h > 1700 mg/kg Dermal LD50 Rabbit
CHLOROTHALONIL 1897-45-6	.1 - 1	= 0.217 mg/L Inhalation LC50 Rat 4 h = 0.31 mg/L Inhalation LC50 Rat 1 h > 2000 mg/kg Dermal LD50 Rabbit > 2500 mg/kg Dermal LD50 Rat = 10 g/kg Oral LD50 Rat
FOLPET 133-07-3	.1 - 1	= 2636 mg/kg Oral LD50 Rat > 0.48 g/m ³ Inhalation LC50 Rat 4 h > 22600 mg/kg Dermal LD50 Rabbit > 5000 mg/kg Dermal LD50 Rat
ORGANOSULFUR COMPOUND 133-06-2	.1 - 1	= 9 g/kg Oral LD50 Rat > 5 g/kg Dermal LD50 Rat
TITANIUM DIOXIDE 13463-67-7	.1 - 1	> 10000 mg/kg Oral LD50 Rat

Mutagens/Teratogens/Carcinogens:

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

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.

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Reproductive (Female)	California Prop 65 - Carcinogen
CHLOROTHALONIL 1897-45-6	.1 - 1		Listed. initial date 1/1/89 - carcinogen
FOLPET 133-07-3	.1 - 1		Listed. initial date 1/1/89 - carcinogen
ORGANOSULFUR COMPOUND 133-06-2	.1 - 1		Listed. initial date 1/1/90 - carcinogen

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
CHLOROTHALONIL 1897-45-6	.1 - 1			Supplement 7 [1987]
TITANIUM DIOXIDE 13463-67-7	.1 - 1			Monograph 47 [1989]

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
TALC 14807-96-6	1 - 5			male rat-some evidence; female rat-clear evidence; male mice-no evidence; female mice- no evidence
XYLENE 1330-20-7	1 - 5			male rat-no evidence; female rat-no evidence; male mice-no evidence; female mice-no evidence
CHLOROTHALONIL 1897-45-6	.1 - 1			male rat-positive; female rat-positive; male mice- negative; female mice- negative
ORGANOSULFUR COMPOUND 133-06-2	.1 - 1			male rat-negative; female rat-negative; male mice-positive; female mice-positive
TITANIUM DIOXIDE 13463-67-7	.1 - 1			male rat-negative; female rat-negative; male mice-negative; female mice-negative

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
CHLOROTHALONIL 1897-45-6	.1 - 1	Present		
ORGANOSULFUR COMPOUND 133-06-2	.1 - 1			A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans
TITANIUM DIOXIDE 13463-67-7	.1 - 1	Present		

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): UN1263
 Proper Shipping Name: PAINT
 Hazard Class: COMBUSTIBLE LIQUID
 Packing Group: III

U.S Hazmat and/or International DG shipment exceptions

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): UN1263
 Proper Shipping Name: Paint
 Hazard Class: 3
 Packing Group: III

International Maritime Organization (IMO):

IMO UN/ID Number (msds): UN1263
 Proper Shipping Name: PAINT
 Hazard Class: 3
 Packing Group: III

15. REGULATORY INFORMATION**U.S. FEDERAL REGULATIONS:**

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
ZINC BORATE 1332-07-6	1 - 5		YES	1000
1,2,4-TRIMETHYLBENZENE 95-63-6	1 - 5		Listed.	
XYLENE 1330-20-7	1 - 5		form R reporting required for 1.0% de minimis concentration	100
CHLOROTHALONIL 1897-45-6	.1 - 1		Form R reporting required for 0.1 % de minimis concentration	
FOLPET 133-07-3	.1 - 1		form R reporting required for 1.0% de minimis concentration	
ORGANOSULFUR COMPOUND 133-06-2	.1 - 1		form R reporting required for 1.0% de minimis concentration	10

SARA 311/312 Hazard Class:

Acute: yes
 Chronic: yes
 Flammability: yes
 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:

1,3,5-TRIMETHYLBENZENE	108-67-8
XYLENE	1330-20-7
ZINC BORATE	1332-07-6
TALC	14807-96-6
PROPRIETARY ADDITIVE	Trade Secret
PROPRIETARY OIL	Trade Secret
STODDARD SOLVENT	8052-41-3
1,2,4-TRIMETHYLBENZENE	95-63-6

Additional Non-Hazardous Materials

PROPRIETARY INERT	Trade Secret
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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

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:	3*
Flammability:	2
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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