

The Valspar Corporation

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: 011.0002407
Product Name: GOOF OFF SPRAY 6PACK
Product Use: Coatings product.
Effective date: 2003/04/25
Revision Date: 2000/11/01
WHMIS Classification: B5 Flammable Aerosols

Company Identification

Valspar, Inc.
645 Coronation Drive
West Hill, Ontario M1E 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 #	Approx Wt%	Chemical Name	CAS Number	Trade Secret Number
DIETHYLENE GLYCOL MONOMETHYL ETHER 111-77-3	20 - 25	Diethylene glycol monomethyl ether	111-77-3	
XYLENE 1330-20-7	20 - 25	Xylenes (o-, m-, p- isomers)	1330-20-7	
PROPANE 74-98-6	15 - 20	Propane	74-98-6	
BUTANE 106-97-8	5 - 10	Butane	106-97-8	
ETHYLBENZENE 100-41-4	1 - 5	Ethyl benzene	100-41-4	
TOLUENE 108-88-3	.1 - 1	Toluene	108-88-3	

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:

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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.

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. Contains glycol ether which has been shown to cause blood effects damage in laboratory animals. May cause liver damage. May cause kidney damage.

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. If swallowed, get medical attention immediately.

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

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit): -10° F (-23.33° C) TCC/PM
 Lower explosive limit: 1 %
 Upper explosive limit: 23 %
 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:
 None known.

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

Fire fighting procedures:
 None required, however, when fighting chemical fires, self-contained breathing apparatus and protective clothing is recommended.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:
 Not determined.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:
 Keep away from heat and flame.

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.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Common Name CAS #	Approx Wt%	TWA (final)	Ceilings limits (final)	Skin designations
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XYLENE 1330-20-7	20 - 25	100 ppm TWA; 435 mg/m3 TWA		
PROPANE 74-98-6	15 - 20	1000 ppm TWA; 1800 mg/m3 TWA		
ETHYLBENZENE 100-41-4	1 - 5	100 ppm TWA; 435 mg/m3 TWA		
TOLUENE 108-88-3	.1 - 1	200 ppm TWA; C 300 ppm	C 300 ppm	

ACGIH Threshold Limit Value (TLV's)

Common Name CAS #	Approx Wt%	TWA	STEL	Ceiling limits	Skin designations
XYLENE 1330-20-7	20 - 25	100 ppm TWA	150 ppm STEL		
PROPANE 74-98-6	15 - 20	2500 ppm TWA			
BUTANE 106-97-8	5 - 10	800 ppm TWA			
ETHYLBENZENE 100-41-4	1 - 5	100 ppm TWA	125 ppm STEL		
TOLUENE 108-88-3	.1 - 1	50 ppm TWA			skin - potential for cutaneous absorption

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: 10 mmHG @ 90° F (32° C)
 Vapor density (air = 1.0): 4.1
 Boiling point: -42° F (-41° C)
 Solubility in water: Not determined.
 Coefficient of water/oil distribution: Not determined.
 Density (weight per gallon): 6.99
 Specific gravity (water = 1): 0.83
 Evaporation rate (butyl acetate = 1.0): 1.1

10. STABILITY AND REACTIVITY

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

Common Name CAS #	Approx Wt%	NIOSH - Selected LD50s and LC50s
DIETHYLENE GLYCOL MONOMETHYL ETHER 111-77-3	20 - 25	Oral LD50 Rat : 4 mL/kg Oral LD50 Mouse : 8222 mg/kg Dermal LD50 Rabbit : 2500 uL/kg
XYLENE 1330-20-7	20 - 25	Inhalation LC50 Rat : 5000 ppm/4H Oral LD50 Rat : 4300 mg/kg Dermal LD50 Rabbit : >1700 mg/kg
BUTANE 106-97-8	5 - 10	Inhalation LC50 Rat : 658 gm/m ³ /4H Inhalation LC50 Mouse : 680 gm/m ³ /2H
ETHYLBENZENE 100-41-4	1 - 5	Oral LD50 Rat : 3500 mg/kg Dermal LD50 Rabbit : 17800 uL/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 #	Approx Wt%	Calif- Prop. 65. Developmental Toxicity	California Prop 65 - reproductive male
TOLUENE 108-88-3	.1 - 1	developmental toxicity; initial date 1/1/91	

Teratogens:

Contains glycol ether which has been shown to cause birth defects, reproductive disorders, and blood effects damage in laboratory animals.

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.

Common Name CAS #	Approx Wt%	IARC Group 1 - Human Evidence	IARC Group 2A - limited human data	IARC Group 2b - sufficient animal data
ETHYLBENZENE 100-41-4	1 - 5			Monograph 77, 2000

Common Name CAS #	Approx Wt%	NTP Known carcinogens	NTP Suspect carcinogens	NTP Evidence of carcinogenicity
ETHYLBENZENE 100-41-4	1 - 5			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.

Common Name CAS #	Approx Wt%	OSHA Select carcinogens	OSHA Possible select carcinogens	ACGIH Carcinogens
ETHYLBENZENE 100-41-4	1 - 5		Monograph 77, 2000 IARC - Group 2B (Possibly carcinogenic to humans)	
TOLUENE 108-88-3	.1 - 1			A4 - Not Classifiable as a 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

DOT Information

CONTACT SUPPLIER FOR FURTHER INFORMATION.

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: Not all components in this product are listed on the Domestic Substances List.

Canada National Pollutant Release Inventory:

Common Name CAS #	Approx Wt%	NPRI Status
DIETHYLENE GLYCOL MONOMETHYL ETHER 111-77-3	20 - 25	YES
XYLENE 1330-20-7	20 - 25	[reporting required]
PROPANE 74-98-6	15 - 20	YES
ETHYLBENZENE 100-41-4	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

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, 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.

Prepared By: Regulatory Affairs Department

Revision Date: 11/01/2000

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