Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID:	**011.0002316.077**	
Product Name:	GRAF RMVR 16OZ SPRAY	6U
Product Use:	Paint product.	
Print date:	11/Sep/2008	
Revision Date:	10/Sep/2008	

Company Identification

The Valspar Corporation - Architectural Coatings Division
1000 Lake Road
Medina, OH 44256

Manufacturer's Phone: 1-330-725-4511

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

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:
Inhalation
Ingestion
Skin absorption

Eye Contact:

- May cause blindness.
- Risk of serious damage to eyes.

Skin Contact:

- Causes skin irritation.
- Harmful if absorbed through skin.

Ingestion:

- May be fatal or cause blindness if swallowed.
- Aspiration hazard if swallowed - can enter lungs and cause damage.

Inhalation:

- Causes respiratory tract irritation.
- Harmful by inhalation.

Target Organ and Other Health Effects:
- Kidney injury may occur.
- Causes headache, drowsiness or other effects to the central nervous system.
- Unconsciousness
- Liver injury may occur.

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.

Teratogens:
- May cause birth defects.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
XYLENE 1330-20-7	45 - 50	Xylenes (o-, m-, p- isomers)
TOLUENE 108-88-3	15 - 20	Toluene
ETHYLBENZENE 100-41-4	10 - 15	Ethyl benzene
PROPANE 74-98-6	10 - 15	Propane
DIETHYLENE GLYCOL MONOMETHYL ETHER 111-77-3	5 - 10	Diethylene glycol monomethyl ether
BUTANE 106-97-8	1 - 5	Butane
METHYL ALCOHOL 67-56-1	1 - 5	Methyl alcohol

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

4. FIRST AID MEASURES

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

Inhalation:
Move injured person into fresh air and keep person calm under observation. Get medical attention immediately. Place unconscious person on the side in the recovery position and ensure breathing.

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

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	-31ºF (-35ºC)
Lower explosive limit:	1 %
Upper explosive limit:	23 %
Autoignition temperature:	not determined -ºF (ºC)
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:
None known.

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

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

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.

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. 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
XYLENE 1330-20-7	45 - 50	435 mg/m³ 100 ppm		
TOLUENE 108-88-3	15 - 20	200 ppm	300 ppm	
ETHYLBENZENE 100-41-4	10 - 15	435 mg/m³ 100 ppm		
PROPANE 74-98-6	10 - 15	1800 mg/m³ 1000 ppm		
METHYL ALCOHOL 67-56-1	1 - 5	260 mg/m³ 200 ppm		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
XYLENE 1330-20-7	45 - 50	100 ppm	150 ppm		
TOLUENE 108-88-3	15 - 20	50 ppm			Can be absorbed through the skin.
ETHYLBENZENE 100-41-4	10 - 15	100 ppm	125 ppm		
PROPANE 74-98-6	10 - 15	1000 ppm			
BUTANE 106-97-8	1 - 5	1000 ppm			
METHYL ALCOHOL 67-56-1	1 - 5	200 ppm	250 ppm		Can be absorbed through the skin.

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Aerosol
pH:	not determined
Vapor pressure:	NOT DETERMINED mmHg @ 68ºF (20ºC)
Vapor density (air = 1.0):	4.1
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	6.7

9. PHYSICAL PROPERTIES

Specific Gravity:	.8
Evaporation rate (butyl acetate = 1.0):	2.24
Flash point (Fahrenheit):	-31ºF (-35ºC)
Lower explosive limit:	1 %
Upper explosive limit:	23 %
Autoignition temperature:	not determined -ºF (ºC)

10. STABILITY AND REACTIVITY

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

Sensitivity to static discharge: Subject 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
XYLENE 1330-20-7	45 - 50	Inhalation LC50 Rat : 5000 ppm/4H Oral LD50 Rat : 4300 mg/kg Dermal LD50 Rabbit : >1700 mg/kg
TOLUENE 108-88-3	15 - 20	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
ETHYLBENZENE 100-41-4	10 - 15	Oral LD50 Rat : 3500 mg/kg Dermal LD50 Rabbit : 17800 uL/kg
DIETHYLENE GLYCOL MONOMETHYL ETHER 111-77-3	5 - 10	Oral LD50 Rat : 4 mL/kg Oral LD50 Mouse : 8222 mg/kg Dermal LD50 Rabbit : 2500 uL/kg
BUTANE 106-97-8	1 - 5	Inhalation LC50 Rat : 658 gm/m^3/4H Inhalation LC50 Mouse : 680 gm/m^3/2H
METHYL ALCOHOL 67-56-1	1 - 5	Inhalation LC50 Rat : 64000 ppm/4H Oral LD50 Rat : 5628 mg/kg Oral LD50 Mouse : 7300 mg/kg Dermal LD50 Rabbit : 15800 mg/kg

Mutagens/Teratogens/Carcinogens:

May cause birth defects.

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.

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Developmental Toxicity	California Prop 65 - Reproductive (Male)
TOLUENE 108-88-3	15 - 20	Listed: January 1, 1991 Developmental toxin.	

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Reproductive (Female)	California Prop 65 - Carcinogen

ETHYLBENZENE 100-41-4	10 - 15		Listed: June 11, 2004 Carcinogenic.

Ingredient 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	10 - 15			Monograph 77, 2000

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
TOLUENE 108-88-3	15 - 20			MALE RAT - NO EVIDENCE; FEMALE RAT - NO EVIDENCE; MALE MICE - NO EVIDENCE; FEMALE MICE - NO EVIDENCE.
ETHYLBENZENE 100-41-4	10 - 15			male rat-clear evidence; female rat-some evidence; male mice-some evidence; female mice-some evidence

Ingredient Name CAS-No.	Approx. Weight %	OSHA Select Carcinogens	OSHA Possible Select Carcinogens	ACGIH Carcinogens
ETHYLBENZENE 100-41-4	10 - 15			Group A3 Confirmed animal carcinogen with unknown relevance to humans.

12. ECOLOGICAL DATA

No information on ecology is available.

13. DISPOSAL CONSIDERATIONS

Dispose of waste at an approved hazardous waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation
Proper Shipping Name: CONSUMER COMMODITY ORM-D
UN ID Number: CONCOM

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):
Proper Shipping Name: AEROSOLS, FLAMMABLE
Hazard Class: 2.1
UN ID Number: UN1950

International Maritime Organization (IMO):

Proper Shipping Name:	AEROSOLS
Hazard Class:	2
Non-Bulk UN ID Number:	UN1950

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
XYLENE 1330-20-7	45 - 50		form R reporting required for 1.0% de minimis concentration	100
TOLUENE 108-88-3	15 - 20		form R reporting required for 1.0% de minimis concentration	1000
ETHYLBENZENE 100-41-4	10 - 15		form R reporting required for 1.0% de minimis concentration	1000
DIETHYLENE GLYCOL MONOMETHYL ETHER 111-77-3	5 - 10		YES	
METHYL ALCOHOL 67-56-1	1 - 5		form R reporting required for 1.0% de minimis concentration	5000

SARA 311/312 Hazard Class:

Acute:	yes
Chronic:	yes
Flammability:	yes
Reactivity:	no
Sudden Pressure:	yes

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:

ETHYLBENZENE	100-41-4
XYLENE	1330-20-7
METHYL ALCOHOL	67-56-1
DIETHYLENE GLYCOL MONOMETHYL ETHER	111-77-3
TOLUENE	108-88-3
PROPANE	74-98-6
BUTANE	106-97-8

California Proposition 65:
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Rule 66 status of product 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:	4
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:
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