valspar

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID:	**4C-4202 FORMULA : 082.04C4202.076**
Product Name:	CAT MOHAVE BROWN PAINT MEDIUM GLOSS - AEROSOL
Product Use:	Paint product.
Print date:	05/Jan/2009
Revision Date:	25/Jul/2008

Company Identification
The Valspar Corporation
1215 Nelson Blvd
Rockford, IL 61104

Manufacturer's Phone: 1-877-724-0597

24-Hour Medical Emergency
Phone:1-303-893-1322, 1-800-458-5924 (TOLL FREE US & CANADA)

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:
Inhalation
Ingestion
Skin absorption

Eye Contact:

- Moderate eye irritation

Skin Contact:

- Causes skin burns.
- Harmful if 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.
- May be fatal if inhaled.
- This material is an anesthetic.
- May cause bronchopneumonia or bronchitis.
- Exposure to high concentrations may cause pulmonary edema or excessive cadmium adsorption resulting in pulmonary emphysema, and/or liver and kidney dysfunction.
- May cause pulmonary edema.

Target Organ and Other Health Effects:
- Causes headache, drowsiness or other effects to the central nervous system.
- May cause damage to mucous membranes.
- Kidney injury may occur.
- 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.

Carcinogens:
- Cancer hazard. Contains material which can cause cancer.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
DIMETHYL KETONE 67-64-1	35 - 40	ACETONE
PROPANE 74-98-6	15 - 20	Propane
BUTANE 106-97-8	5 - 10	Butane
VM&P NAPHTHA 64742-89-8	5 - 10	SOLVENT NAPHTHA, PETROLEUM, LIGHT ALIPH
EXEMPT MINERAL SPIRITS 8052-41-3	1 - 5	Stoddard solvent
NAPHTHA (PETROLEUM), HYDRODESULPHURIZED HEAVY 64742-82-1	1 - 5	Naphtha, petroleum, hydrodesulfurized heavy
MINERAL SPIRITS 64742-47-8	1 - 5	Petroleum distillates, hydrotreated light
NAPHTHA 64742-48-9	1 - 5	Naphtha, petroleum, hydrotreated heavy
TALC 14807-96-6	1 - 5	TALC (MG3H2(SI03)4)
ISOBUTYL ALCOHOL 78-83-1	1 - 5	Isobutyl alcohol
PROPYLENE GLYCOL MONO METHYL ETHER 107-98-2	1 - 5	Propylene glycol monomethyl ether
TITANIUM DIOXIDE 13463-67-7	.1 - 1	Titanium dioxide
ETHYLBENZENE 100-41-4	.1 - 1	Ethyl benzene

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. Remove any contact lenses and open eyes wide apart.

Skin Contact:
Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Do not use soap. If skin surface is damaged, apply a clean dressing. Do not apply greases or ointments. If medical assistance is not immediately available, flush an additional 15 minutes. Get medical attention immediately.

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. Do not give direct mouth-to-mouth resuscitation if inhalled. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area. Get medical attention immediately.

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:	13 %
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

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Precautions to be taken in handling and storage:
This coating contains aluminum pigment, store in a dry area. Aluminum may react with water, acids and caustics slowly producing gas and heat. In a sealed drum this may cause a pressure build-up over a period of time and drum should be vented before opening. 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:
Chemical goggles, also wear a face shield if splashing hazard exists.

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. 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
DIMETHYL KETONE 67-64-1	35 - 40	2400 mg/m³ 1000 ppm		
PROPANE 74-98-6	15 - 20	1800 mg/m³ 1000 ppm		
EXEMPT MINERAL SPIRITS 8052-41-3	1 - 5	2900 mg/m³ 500 ppm		
TALC 14807-96-6	1 - 5	Respirable. Listed. Total dust. Listed.		
ISOBUTYL ALCOHOL 78-83-1	1 - 5	300 mg/m³ 100 ppm		
TITANIUM DIOXIDE 13463-67-7	.1 - 1	15 mg/m³ Total dust.		
ETHYLBENZENE 100-41-4	.1 - 1	435 mg/m³ 100 ppm		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
DIMETHYL KETONE 67-64-1	35 - 40	500 ppm	750 ppm		
PROPANE 74-98-6	15 - 20	1000 ppm			
BUTANE 106-97-8	5 - 10	1000 ppm			
EXEMPT MINERAL SPIRITS 8052-41-3	1 - 5	100 ppm			
NAPHTHA (PETROLEUM), HYDRODESULPHURIZED HEAVY 64742-82-1	1 - 5	100 ppm			
TALC 14807-96-6	1 - 5	2 mg/m³ Respirable fraction. The value is for particulate matter containing no asbestos and <1% crystalline silica.			
ISOBUTYL ALCOHOL 78-83-1	1 - 5	50 ppm			
PROPYLENE GLYCOL MONO METHYL ETHER 107-98-2	1 - 5	100 ppm	150 ppm		
TITANIUM DIOXIDE 13463-67-7	.1 - 1	10 mg/m³			
ETHYLBENZENE 100-41-4	.1 - 1	100 ppm	125 ppm		

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):	5.1
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	6.36
Specific Gravity:	.76
Evaporation rate (butyl acetate = 1.0):	5.6
Flash point (Fahrenheit):	-31ºF (-35ºC)
Lower explosive limit:	1 %
Upper explosive limit:	13 %
Autoignition temperature:	not determined -ºF (ºC)

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.

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Conditions to Avoid: This product may react with water, acids, and caustics, slowly producing gas and heat. Heat.

Incompatibility: Strong oxidizing agents

Hazardous Polymerization: None anticipated.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide. Metal oxide fumes.

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
DIMETHYL KETONE 67-64-1	35 - 40	Inhalation LC50 Rat : 50100 mg/m^3/8H Inhalation LC50 Mouse : 44 gm/m^3/4H Oral LD50 Rat : 5800 mg/kg Oral LD50 Mouse : 3 gm/kg
BUTANE 106-97-8	5 - 10	Inhalation LC50 Rat : 658 gm/m^3/4H Inhalation LC50 Mouse : 680 gm/m^3/2H
ISOBUTYL ALCOHOL 78-83-1	1 - 5	Oral LD50 Rat : 2460 mg/kg Dermal LD50 Rabbit : 3400 mg/kg
PROPYLENE GLYCOL MONO METHYL ETHER 107-98-2	1 - 5	Inhalation LC50 Rat : 10000 ppm/5H Oral LD50 Mouse : 11700 mg/kg Dermal LD50 Rabbit : 13 gm/kg
ETHYLBENZENE 100-41-4	.1 - 1	Oral LD50 Rat : 3500 mg/kg Dermal LD50 Rabbit : 17800 uL/kg

Mutagens/Teratogens/Carcinogens:

Cancer hazard. Contains material which can cause cancer.

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. 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
ETHYLBENZENE 100-41-4	.1 - 1		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
TITANIUM DIOXIDE 13463-67-7	.1 - 1			2B Possible Carcinogen
ETHYLBENZENE 100-41-4	.1 - 1			Monograph 77, 2000

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
ETHYLBENZENE 100-41-4	.1 - 1			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	.1 - 1			Group A3 Confirmed animal carcinogen with unknown relevance to humans.

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
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: 2.1
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.
DIMETHYL KETONE 67-64-1	35 - 40			5000

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
ISOBUTYL ALCOHOL 78-83-1	1 - 5			5000
ETHYLBENZENE 100-41-4	.1 - 1		form R reporting required for 1.0% de minimis concentration	1000

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:

TALC	14807-96-6
PROPYLENE GLYCOL MONO METHYL ETHER	107-98-2
MINERAL SPIRITS	64742-47-8
NAPHTHA	64742-48-9
NAPHTHA (PETROLEUM), HYDRODESULPHURIZED HEAVY	64742-82-1
VM&P NAPHTHA	64742-89-8
DIMETHYL KETONE	67-64-1
ISOBUTYL ALCOHOL	78-83-1
EXEMPT MINERAL SPIRITS	8052-41-3
PROPANE	74-98-6
BUTANE	106-97-8

Additional Non-Hazardous Materials

SUPPLIER TRADE SECRET	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:	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:
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:	05/Jan/2009
Revision Date:	25/Jul/2008