



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: AUF2011
Product Name: VINYL SELF SEAL
Product Use: Paint product.
Print date: 07/Sep/2010
Revision Date: 07/Sep/2010

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:

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

Skin Contact:

- Causes skin irritation
- Dermatitis
- May cause defatting of the skin
- Harmful if absorbed through skin.
- May cause sensitization by skin contact.

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
- Harmful by inhalation.
- May cause chemical pneumonia.
- May cause sensitization by inhalation.
- May cause damage to nasal and respiratory passages
- May cause pulmonary edema.

Target Organ and Other Health Effects:

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

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.
- Contains formaldehyde which is considered a potential carcinogen by the Occupational Health and Safety Administration

Carcinogens:

- Cancer hazard. Contains material which can cause cancer.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
METHYL ETHYL KETONE 78-93-3	30 - 35	Methyl ethyl ketone
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	15 - 20	Acetone
METHYL N-AMYL KETONE 110-43-0	5 - 10	Heptan-2-one
ETHANOL 64-17-5	5 - 10	Ethyl alcohol
NAPHTHA 64742-89-8	1 - 5	SOLVENT NAPHTHA, PETROLEUM, LIGHT ALIPH
DIPROPYL KETONE 123-19-3	1 - 5	Dipropyl ketone
N-BUTYL ALCOHOL 71-36-3	1 - 5	n-Butyl alcohol
FORMALDEHYDE 50-00-0	0 - 099	Formaldehyde

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. Get medical attention immediately. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. 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):	1
Flash point (Celsius):	-17
Lower explosive limit (%):	1
Upper explosive limit (%):	21
Autoignition temperature:	not determined
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:

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:

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

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
METHYL ETHYL KETONE 78-93-3	30 - 35	200 ppm TWA 590 mg/m ³ TWA		
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	15 - 20	1000 ppm TWA 2400 mg/m ³ TWA		
METHYL N-AMYL KETONE 110-43-0	5 - 10	100 ppm TWA 465 mg/m ³ TWA		
ETHANOL 64-17-5	5 - 10	1000 ppm TWA 1900 mg/m ³ TWA		
N-BUTYL ALCOHOL 71-36-3	1 - 5	100 ppm TWA 300 mg/m ³ TWA		
FORMALDEHYDE 50-00-0	0 - .099	0.75 ppm TWA		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
METHYL ETHYL KETONE 78-93-3	30 - 35	200 ppm TWA	300 ppm STEL		
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	15 - 20	500 ppm TWA	750 ppm STEL		
METHYL N-AMYL KETONE 110-43-0	5 - 10	50 ppm TWA			
ETHANOL 64-17-5	5 - 10	1000 ppm	1000 ppm STEL		
DIPROPYL KETONE 123-19-3	1 - 5	50 ppm TWA			
N-BUTYL ALCOHOL 71-36-3	1 - 5	20 ppm TWA			
FORMALDEHYDE 50-00-0	0 - .099			0.3 ppm Ceiling	

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	175.1879699 mmHg @ 68°F (20°C)
Vapor density (air = 1.0):	3.9
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	7.43
Specific Gravity:	.89
Evaporation rate (butyl acetate = 1.0):	5.7
Flash point (Fahrenheit):	1
Flash point (Celsius):	-17
Lower explosive limit (%):	1
Upper explosive limit (%):	21
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:	Carbon monoxide and carbon dioxide Ammonia compounds. Nitrogen compounds.

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

11. TOXICOLOGICAL INFORMATION

METHYL ETHYL KETONE 78-93-3	30 - 35	= 2737 mg/kg Oral LD50 Rat = 32 g/m ³ Inhalation LC50 Mouse 4 h = 6480 mg/kg Dermal LD50 Rabbit
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	15 - 20	= 5800 mg/kg Oral LD50 Rat
METHYL N-AMYL KETONE 110-43-0	5 - 10	= 12600 µL/kg Dermal LD50 Rabbit = 1670 mg/kg Oral LD50 Rat
ETHANOL 64-17-5	5 - 10	= 7060 mg/kg Oral LD50 Rat
NAPHTHA 64742-89-8	1 - 5	= 3000 mg/kg Dermal LD50 Rabbit = 5000 mg/kg Oral LD50 Mouse
DIPROPYL KETONE 123-19-3	1 - 5	= 3730 µL/kg Oral LD50 Rat = 5660 µL/kg Dermal LD50 Rabbit
N-BUTYL ALCOHOL 71-36-3	1 - 5	= 3400 mg/kg Dermal LD50 Rabbit = 790 mg/kg Oral LD50 Rat = 8000 ppm Inhalation LC50 Rat 4 h > 17.7 mg/L Inhalation LC50 Rat 4 h
FORMALDEHYDE 50-00-0	0 - .099	= 0.578 mg/L Inhalation LC50 Rat 4 h = 500 mg/kg Oral LD50 Rat

Mutagens/Teratogens/Carcinogens:

Possible mutagen

Cancer hazard. Contains material which can cause cancer.

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Reproductive (Female)	California Prop 65 - Carcinogen
FORMALDEHYDE 50-00-0	0 - .099		Listed. initial date 1/1/88 - carcinogen

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
FORMALDEHYDE 50-00-0	0 - .099	Supplement 7 [1987] Monograph 62 [1995] Supplement 7 [1987]		

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
ETHANOL 64-17-5	5 - 10			male mice-inadequate; female mice-inadequate
FORMALDEHYDE 50-00-0	0 - .099		Reasonably Anticipated To Be A Human Carcinogen	

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
ETHANOL 64-17-5	5 - 10			A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans
FORMALDEHYDE 50-00-0	0 - .099	Present	Irritant and potential cancer hazard - see 29 CFR 1910.1048	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): UN1263
Proper Shipping Name: PAINT
Hazard Class: 3
Packing Group: II
Hazardous Ingredient (Land) 1: DIMETHYL KETONE- EXEMPT SOLVENT
Hazardous Ingredient (Land) 2: METHYL ETHYL KETONE

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): UN1263
Proper Shipping Name: Paint
Hazard Class: 3
Packing Group: II
IATA N.O.S. Technical Name 1: DIMETHYL KETONE- EXEMPT SOLVENT
IATA N.O.S. Technical Name 2: METHYL ETHYL KETONE

International Maritime Organization (IMO):

IMO UN/ID Number (msds): UN1263
Proper Shipping Name: PAINT
Hazard Class: 3
Packing Group: II
IMDG N.O.S. Technical Name 1: DIMETHYL KETONE- EXEMPT SOLVENT
IMDG N.O.S. Technical Name 2: METHYL ETHYL KETONE

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
METHYL ETHYL KETONE 78-93-3	30 - 35			5000
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1	15 - 20			5000
N-BUTYL ALCOHOL 71-36-3	1 - 5		form R reporting required for 1.0% de minimis concentration	5000

15. REGULATORY INFORMATION

FORMALDEHYDE 50-00-0	0 - 099	EPCRA RQ = 100 lb	form R reporting required for 0.1% de minimis concentration	100
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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:

METHYL N-AMYL KETONE 110-43-0
DIPROPYL KETONE 123-19-3
ETHANOL 64-17-5
NAPHTHA 64742-89-8
DIMETHYL KETONE- EXEMPT SOLVENT 67-64-1
N-BUTYL ALCOHOL 71-36-3
METHYL ETHYL KETONE 78-93-3

Additional Non-Hazardous Materials

PROPRIETARY RESIN Trade Secret
PROPRIETARY RESIN Trade Secret
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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

HMS Codes

Health: 2*
Flammability: 3
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:

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