

BL # 003037

The Valspar Corporation Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: 023.0000958.072
Product Name: ALUMINUM SPRAY
Product Use: Paint product.
Date Published: 2003/06/10
Revision Date: 2000/11/01

Company Identification

The Valspar Corporation - Architectural Coatings Division
1191 Wheeling Road
Wheeling, IL 60090
Manufacturer's Phone: 1-647-620-8560

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

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS #	Approx Wt%	Chemical name
BUTANE 106-97-8	15 - 20	BUTANE
DIMETHYL KETONE 67-64-1	15 - 20	Acetone
PROPANE 74-98-6	15 - 20	PROPANE
ISOBUTANE 75-28-5	15 - 20	ISOBUTANE
EXEMPT MINERAL SPIRITS 8052-41-3	15 - 20	Stoddard solvent
XYLENE 1330-20-7	10 - 15	Xylenes (o-, m-, p- isomers)
ETHYLBENZENE 100-41-4	1 - 5	Ethyl benzene

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.

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, get medical attention immediately. 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.

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

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit): -18° F (-27.78° C) TCC/PM

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Lower explosive limit: 1 %
Upper explosive limit: 13 %
Autoignition temperature: Not available. ° F (° C)
Sensitivity to impact: No.
Sensitivity to static discharge: Sensitivity to static discharge is expected, material has a flash point below 200 f.
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:
Use water spray to cool nearby containers and structures exposed to fire. Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:
Ventilate area. Avoid breathing of vapors. 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 5, "Unusual Fire and Explosion Hazards", for proper container and storage procedures. Remove sources of ignition. Remove with inert absorbent and 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 flames. 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. Containers should be grounded/bonded when pouring. Avoid free fall of liquid in excess of a few inches. 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.

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. Ventilation equipment should be explosion proof. Eliminate ignition sources.

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Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Common Name CAS #	Approx Wt%	TWA (final)	Ceilings limits (final)	Skin designations
DIMETHYL KETONE 67-84-1	15 - 20	1000 ppm TWA; 2400 mg/m3 TWA		
PROPANE 74-98-6	15 - 20	1000 ppm TWA; 1600 mg/m3 TWA		
EXEMPT MINERAL SPIRITS 8052-41-3	15 - 20	500 ppm TWA; 2900 mg/m3 TWA		
XYLENE 1330-20-7	10 - 15	100 ppm TWA; 435 mg/m3 TWA		
ETHYLBENZENE 100-41-4	1 - 5	100 ppm TWA; 435 mg/m3 TWA		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS #	Approx Wt%	TWA	STEL	Ceiling limits	Skin designations
BUTANE 106-97-8	15 - 20	800 ppm TWA			
DIMETHYL KETONE 67-84-1	15 - 20	500 ppm TWA	750 ppm STEL		
PROPANE 74-98-6	15 - 20	2500 ppm TWA			
EXEMPT MINERAL SPIRITS 8052-41-3	15 - 20	100 ppm TWA			
XYLENE 1330-20-7	10 - 15	100 ppm TWA	150 ppm STEL		
ETHYLBENZENE 100-41-4	1 - 5	100 ppm TWA	125 ppm STEL		

If this section is blank, no information is available.

9. PHYSICAL PROPERTIES

Color: Normal for this product type.
 Physical State: Liquid
 pH: Not determined.
 Vapor pressure: 132 mmHG @ 100° F (38° C)
 Vapor density (air = 1.0): 4.8
 Boiling point: -42° F (-41° C)
 Solubility in water: Not determined.
 Coefficient of water/oil distribution: Not determined.
 Density (weight per gallon): 8.33
 Specific gravity (water = 1): 1
 Evaporation rate (butyl acetate = 1.0): 5.6

11. TOXICOLOGICAL INFORMATION

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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

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)	

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

U.S. FEDERAL REGULATIONS:

Common Name CAS #	Approx Wt%	SARA 302	SARA 313	CERCLA RQ IN LBS.
DIMETHYL KETONE 67-64-1	15 - 20			5000
XYLENE 1330-20-7	10 - 15		form R reporting required for 1.0% de minimis concentration	100

ETHYLBENZENE 100-41-4	1-5	form R reporting required for 1.0% de minimis concentration	1000
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SARA 311/312 Hazard Class:

Acute: Yes
 Chronic: Yes
 Flammability: Yes
 Reactivity: No
 Sudden Pressure: Yes

U.S. STATE REGULATIONS:

Pennsylvania Right to Know:

PROPANE	74-98-6
BUTANE	106-97-8
ISOBUTANE	75-28-5
DIMETHYL KETONE	67-64-1
EXEMPT MINERAL SPIRITS	6052-41-3
ETHYLBENZENE	100-41-4
XYLENE	1330-20-7

Rule 66 status of product Photochemically reactive.

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: All components of this product are listed on the Domestic Substances List.

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

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