

The Valspar Corporation

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product ID: VCS0102
Product Name: L/F MEDIUM ORANGE
Product Use: Chemical intermediate.
Print date: 17/May/2006
Revision Date: 23/Aug/2001

Company Identification

The Valspar Corporation
1101 Third Street South
Minneapolis, MN 55415
Manufacturer's Phone: 1-612-332-7371

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

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS-No.	Approx. Weight %	Chemical name
SUPPLIER TRADE SECRET	15 - 20	SUPPLIER TRADE SECRET
EXEMPT MINERAL SPIRITS 8052-41-3	5 - 10	Stoddard solvent
TOLUENE 108-88-3	1 - 5	Toluene
ISOBUTYL ACETATE 110-19-0	1 - 5	Isobutyl acetate
BUTYL ACETATE 123-86-4	1 - 5	n-Butyl acetate
N-BUTYL ALCOHOL 71-36-3	1 - 5	n-Butyl alcohol
VM&P NAPHTHA 8032-32-4	1 - 5	Ligroine
MINERAL SPIRITS 64742-47-8	1 - 5	Petroleum distillates, hydrotreated light
VM&P NAPHTHA 64742-89-8	1 - 5	SOLVENT NAPHTHA, PETROLEUM, LIGHT ALIPH
ISOBUTYL ALCOHOL 78-83-1	1 - 5	Isobutyl alcohol

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:

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. May irritate mouth, nose, and throat. May cause irritation of the respiratory tract.

Eye Contact:

May cause moderate eye irritation. May cause eye burns. Corneal Injury/eye damage.

Skin Contact:

May cause moderate skin irritation. Harmful if absorbed through the skin.

Acute Ingestion:

None known

Other Effects:

May cause central nervous system depression.

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. May cause liver damage. Hearing loss. May cause kidney damage. Possible birth defects hazard. Contains ingredients which may cause birth defects based on animal data.

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. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean contaminated shoes.

Ingestion:

If swallowed, get medical attention immediately. Get immediate medical attention. 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):	82° F (28° C) TCC/PM
Lower explosive limit:	1 %
Upper explosive limit:	11 %
Autoignition temperature:	Not available. ° F (° C)
Sensitivity to impact:	No.

5. FIRE FIGHTING MEASURES

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:

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. 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:

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.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Common Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
EXEMPT MINERAL SPIRITS 8052-41-3	5 - 10	2900 mg/m ³ 500 ppm		
TOLUENE 108-88-3	1 - 5	200 ppm	300 ppm	
ISOBUTYL ACETATE 110-19-0	1 - 5	700 mg/m ³ 150 ppm		
BUTYL ACETATE 123-86-4	1 - 5	710 mg/m ³ 150 ppm		
N-BUTYL ALCOHOL 71-36-3	1 - 5	300 mg/m ³ 100 ppm		
ISOBUTYL ALCOHOL 78-83-1	1 - 5	300 mg/m ³ 100 ppm		

ACGIH Threshold Limit Value (TLV's)

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
EXEMPT MINERAL SPIRITS 8052-41-3	5 - 10	100 ppm			
TOLUENE 108-88-3	1 - 5	50 ppm			Can be absorbed through the skin.
ISOBUTYL ACETATE 110-19-0	1 - 5	150 ppm			
BUTYL ACETATE 123-86-4	1 - 5	150 ppm	200 ppm		
N-BUTYL ALCOHOL 71-36-3	1 - 5	20 ppm			
VM&P NAPHTHA 8032-32-4	1 - 5	300 ppm			
ISOBUTYL ALCOHOL 78-83-1	1 - 5	50 ppm			

If this section is blank, no information is available.

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Liquid
pH:	Not determined.
Vapor pressure:	28 mmHG @ 68° F (20° C)
Vapor density (air = 1.0):	5.1
Boiling point:	226° F (108° C)
Solubility in water:	Insoluble.
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	8.9
Specific Gravity	1.06
Evaporation rate (butyl acetate = 1.0):	2

10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to Avoid:	None known.
Incompatibility:	None known.
Hazardous Polymerization:	None anticipated.

10. STABILITY AND REACTIVITY

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

Mutagens:

Common Name CAS-No.	Approx. Weight %	California Prop 65 - Developmental Toxicity	California Prop 65 - Reproductive (Male)
TOLUENE 108-88-3	1 - 5	Listed: January 1, 1991 Developmental toxin.	

Teratogens:

Carcinogens:

Common Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
TOLUENE 108-88-3	1 - 5			MALE RAT - NO EVIDENCE; FEMALE RAT - NO EVIDENCE; MALE MICE - NO EVIDENCE; FEMALE MICE - NO EVIDENCE.

Common Name CAS-No.	Approx. Weight %	OSHA Select Carcinogens	OSHA Possible Select Carcinogens	ACGIH Carcinogens
VM&P NAPHTHA 8032-32-4	1 - 5			Group A3 Confirmed animal carcinogen with unknown relevance 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

U.S. Department of Transportation

Proper Shipping Name: Contact Supplier for further information.

14. TRANSPORTATION INFORMATION

49 CFR Hazardous Material Regulations Parts 100-180

THIS PRODUCT CONTAINS THE FOLLOWING HAZARDOUS SUBSTANCES IN REPORTABLE QUANTITIES . NOT ALL SIZES ARE SUBJECT TO THE RQ REQUIREMENTS. PLEASE CONTACT THE SUPPLIER FOR FURTHER SHIPPING INFORMATION.

International Air Transport Association:

Proper Shipping Name: Contact Supplier for further information.

International Maritime Organization:

Proper Shipping Name: Contact Supplier for further information.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Common Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
TOLUENE 108-88-3	1 - 5		form R reporting required for 1.0% de minimis concentration	1000
ISOBUTYL ACETATE 110-19-0	1 - 5			5000
BUTYL ACETATE 123-86-4	1 - 5			5000
N-BUTYL ALCOHOL 71-36-3	1 - 5		form R reporting required for 1.0% de minimis concentration	5000
ISOBUTYL ALCOHOL 78-83-1	1 - 5			5000

SARA 311/312 Hazard Class:

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

U.S. STATE REGULATIONS:

Pennsylvania Right To Know:

SUPPLIER TRADE SECRET	Trade Secret
N-BUTYL ALCOHOL	71-36-3
ISOBUTYL ALCOHOL	78-83-1
ISOBUTYL ACETATE	110-19-0
BUTYL ACETATE	123-86-4
EXEMPT MINERAL SPIRITS	8052-41-3
VM&P NAPHTHA	64742-89-8
MINERAL SPIRITS	64742-47-8
VM&P NAPHTHA	8032-32-4
TOLUENE	108-88-3

Additional Non-Hazardous Materials

NON HAZARDOUS 100% NVM, DSL LISTED	UNKNOWN
PROPRIETARY PIGMENT	Trade Secret

California Proposition 65:

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Rule 66 status of product

Not 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**HMIS Codes**

Health:	3
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, MPDCF - 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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