

# The Valspar Corporation

## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Material Identification

**Product ID:** F14  
Product Name: RAINBO FLAKE F-14  
Product Use: Chemical intermediate.  
Date Published: 2004/10/09  
Revision Date: 2004/03/18

#### 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 #	Approx Wt%	Chemical name
ALUMINUM 7429-90-5	90 - 95	Aluminum

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:

None known.

#### Eye Contact:

None known.

#### Skin Contact:

None known.

**Acute Ingestion:**

None known

**Other Effects:**

None known

**This product contains ingredients that may contribute to the following potential chronic health effects:**

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, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**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, contact medical personnel immediately to determine best course of action.

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

## 5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	401° F ( 205° C) TCC/PM
Lower explosive limit:	Not available. %
Upper explosive limit:	Not available. %
Autoignition temperature:	Not available.° F ( ° C)
Sensitivity to impact:	No.
Sensitivity to static discharge:	Sensitivity to static discharge is not expected.
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.

## 6. ACCIDENTAL RELEASE MEASURES

**Action to be taken if material is released or spilled:**

Avoid contact with eyes.

**7. HANDLING AND STORAGE****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.

**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.

**Exposure Guidelines****OSHA Permissible Exposure Limits (PEL's)**

Common Name CAS #	Approx Wt%	TWA (final)	Ceilings limits (final)	Skin designations
ALUMINUM 7429-90-5	90 - 95	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)		

**ACGIH Threshold Limit Value (TLV's)**

Common Name CAS #	Approx Wt%	TWA	STEL	Ceiling limits	Skin designations
ALUMINUM 7429-90-5	90 - 95	10 mg/m <sup>3</sup> TWA (metal dust)			

If this section is blank, no information is available.

**9. PHYSICAL PROPERTIES**

Odor:	Normal for this product type.
Physical State:	Solid
pH:	Not determined.
Vapor pressure:	Not determined. mmHG @ 68° F ( 20° C)
Vapor density (air = 1.0):	Not determined.
Boiling point:	Not available.° F ( Not Available.° C)
Solubility in water:	Insoluble.
Coefficient of water/oil distribution:	Not determined.
Density (weight per gallon):	22.0
Specific gravity (water = 1):	2.64
Evaporation rate (butyl acetate = 1.0):	Not determined.

## 10. STABILITY AND REACTIVITY

Stability:	This product is stable.
Conditions to Avoid:	This product may react with water, acids, and caustics, slowly producing gas and heat.
Incompatibility:	Acids or alkalies.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Metal oxide fumes.

**Sensitivity to static discharge:** Sensitivity to static discharge is not expected.

## 11. TOXICOLOGICAL INFORMATION

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: PIGMENT, NOT REGULATED

### 49 CFR Hazardous Material Regulations Parts 100-180

The supplier will apply the combustible liquid exception in 49 CFR 173.150(f), limited quantity or "does not sustain combustion" exceptions and consumer commodity rules, when authorized. Please check 49 CFR Parts 100-180 to determine if the use of these exceptions applies to your shipments when re-shipping our products.

### International Air Transport Association:

Proper Shipping Name: PIGMENT, NOT REGULATED

### International Maritime Organization:

Proper Shipping Name: PIGMENT, NOT REGULATED

## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

Common Name CAS #	Approx Wt%	SARA 302	SARA 313	CERCLA RQ IN LBS.
ALUMINUM 7429-90-5	90 - 95		form R reporting required for 1.0% de minimis concentration (fume or dust only)	

### SARA 311/312 Hazard Class:

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

### U.S. STATE REGULATIONS:

#### Pennsylvania Right To Know:

ALUMINUM

7429-90-5

#### Additional Non-Hazardous Materials

NON HAZARDOUS 100% NVM, DSL LISTED

UNKNOWN

**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:** 1  
**Flammability:** 1  
**Reactivity:** 3  
**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.

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