



## SAFETY DATA SHEET

Revision date 22-May-2016

Version 9

Supersedes Date: 07-Apr-2016

### Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product identifier**

**Product Code** 434A986

**Product Name** FLUROPON REGAL RED

**Other means of identification**

No information available

**Recommended use of the chemical and restrictions on use**

Paint, Coatings

**Details of the supplier of the safety data sheet**

See section 16 for more information

The Valspar Corporation  
PO Box 1461  
Minneapolis, MN 55440

**E-mail address** [msds@valspar.com](mailto:msds@valspar.com)

**Emergency telephone number**

United States of America 1-888-345-5732

American Samoa, Guam, Northern Mariana Islands, Puerto Rico, U.S. Virgin Islands 1-800-255-3924

### Section 2: HAZARDS IDENTIFICATION

**Classification**

Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 1A
Reproductive toxicity	Category 1A
Specific target organ toxicity (repeated exposure)	Category 2
Flammable liquids	Category 3

**Label elements**



Signal word

**DANGER**

#### HAZARD STATEMENTS

Flammable liquid and vapor  
Causes serious eye irritation  
May cause cancer  
May damage fertility or the unborn child  
May cause damage to organs through prolonged or repeated exposure

#### PREVENTION

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Wash face, hands and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### RESPONSE

IF exposed or concerned: Get medical advice/attention.

##### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

##### Inhalation

IF INHALED: Call a POISON CENTER or doctor if you feel unwell.

##### Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

##### Fire

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.

#### STORAGE

Store locked up. Store in a well-ventilated place. Keep cool.

#### DISPOSAL

Dispose of contents/containers in accordance with local regulations.

#### HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

Not applicable.

#### OTHER HAZARDS

Not applicable.

#### UNKNOWN ACUTE TOXICITY

0% of the mixture consists of ingredient(s) of unknown toxicity.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	weight-%
Isophorone	78-59-1	10 - 25
C.I. Pigment Red 104	12656-85-8	5 - 10
Ethylene glycol monobutyl ether acetate	112-07-2	1 - 3
Titanium dioxide	13463-67-7	0.3 - 1
Toluene	108-88-3	0.3 - 1
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0.3 - 1
Formaldehyde	50-00-0	10 - 100 ppm

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\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## Section 4: FIRST AID MEASURES

### **First Aid Measures**

#### **General advice**

IF exposed or concerned: Get medical advice/attention.

#### **Eye contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### **Skin Contact**

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

#### **Inhalation**

IF INHALED: Call a POISON CENTER or doctor if you feel unwell.

#### **Ingestion**

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

### **Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

### **Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## Section 5: FIRE FIGHTING MEASURES

### **Suitable extinguishing media**

Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

### **Specific hazards arising from the chemical**

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes.

### **Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

## Section 6: ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

#### **Personal precautions**

Avoid breathing vapors or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

#### **For emergency responders**

Use personal protection recommended in Section 8.

### **Environmental precautions**

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

## Methods and material for containment and cleaning up

### Methods for containment

Prevent further leakage or spillage if safe to do so.

### Methods for cleaning up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## Section 7: HANDLING AND STORAGE

### Precautions for safe handling

#### Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

#### General Hygiene Considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Keep tightly closed in a dry and cool place.

#### Incompatible materials

Bases. Strong oxidizing agents. Acids. Combustible material. Halogens.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Limits

If S\* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isophorone 78-59-1	Ceiling: 5 ppm	TWA: 25 ppm TWA: 140 mg/m <sup>3</sup>	IDLH: 200 ppm TWA: 4 ppm TWA: 23 mg/m <sup>3</sup>
C.I. Pigment Red 104 12656-85-8	TWA: 0.05 mg/m <sup>3</sup> Pb	TWA: 5 µg/m <sup>3</sup> TWA: 50 µg/m <sup>3</sup> Pb Ceiling: 0.1 mg/m <sup>3</sup> CrO <sub>3</sub> applies to any operations or sectors for which the Hexavalent Chromium standard [29 CFR 1910.1026] is stayed or is otherwise not in effect	IDLH: 100 mg/m <sup>3</sup> Pb IDLH: 15 mg/m <sup>3</sup> Cr(VI) TWA: 0.0002 mg/m <sup>3</sup> Cr TWA: 0.050 mg/m <sup>3</sup> Pb
Ethylene glycol monobutyl ether acetate 112-07-2	TWA: 20 ppm		TWA: 5 ppm TWA: 33 mg/m <sup>3</sup>
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup>
Toluene 108-88-3	TWA: 20 ppm	TWA: 200 ppm Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 560 mg/m <sup>3</sup>
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) 1309-64-4	TWA: 0.5 mg/m <sup>3</sup> Sb	TWA: 0.5 mg/m <sup>3</sup> Sb	IDLH: 50 mg/m <sup>3</sup> Sb TWA: 0.5 mg/m <sup>3</sup> Sb

Formaldehyde 50-00-0	Ceiling: 0.3 ppm	TWA: 0.75 ppm STEL: 2 ppm see 29 CFR 1910.1048	IDLH: 20 ppm Ceiling: 0.1 ppm 15 min TWA: 0.016 ppm
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### **Appropriate engineering controls**

#### **Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

### **Individual protection measures, such as personal protective equipment**

#### **Eye/face protection**

Wear safety glasses with side shields (or goggles).

#### **Skin and body protection**

Wear suitable protective clothing. Personnel should wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber.

#### **Hand Protection**

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

#### **Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

#### **Thermal Protection**

No information available

## **Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **Information on basic physical and chemical properties**

<b>Physical state</b>	liquid
<b>Appearance</b>	No information available
<b>Odor</b>	Ketones and their derivatives
<b>Color</b>	red
<b>Odor Threshold</b>	No information available
<b>pH value</b>	No information available
<b>Melting point/freezing point</b>	No information available
<b>Boiling point / boiling range</b>	No information available °C / °F
<b>flash point</b>	28 °C / 82 °F
<b>evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limit in Air</b>	
<b>Upper flammability limit:</b>	No information available
<b>Lower flammability limit:</b>	No information available
<b>Vapor Pressure</b>	No information available
<b>vapor density</b>	No information available
<b>Density (lbs per US gallon)</b>	10.63
<b>specific gravity</b>	1.27
<b>Solubility(ies)</b>	No information available
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available

### **Other information**

## Section 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous polymerization</b>	None under normal processing.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	Bases. Strong oxidizing agents. Acids. Combustible material. Halogens.
<b>Hazardous Decomposition Products</b>	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Hydrogen fluoride.

## Section 11: TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Eye contact**

Causes serious eye irritation

**Skin Contact**

Not applicable

**Ingestion**

Not applicable

**Inhalation**

Not applicable

### Numerical measures of toxicity - Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isophorone 78-59-1	= 1870 mg/kg ( Rat )	= 1390 mg/kg ( Rat ) = 1700 mg/kg ( Rat )	= 7 mg/L ( Rat ) 4 h
C.I. Pigment Red 104 12656-85-8	> 5000 mg/kg ( Rat )	-	-
Ethylene glycol monobutyl ether acetate 112-07-2	= 2400 mg/kg ( Rat )	= 1480 mg/kg ( Rabbit )	-
Titanium dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-
Toluene 108-88-3	= 2600 mg/kg ( Rat )	= 12000 mg/kg ( Rabbit )	= 12.5 mg/L ( Rat ) 4 h
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) 1309-64-4	> 34600 mg/kg ( Rat )	-	-
Formaldehyde 50-00-0	= 100 mg/kg ( Rat )	= 270 mg/kg ( Rabbit )	= 0.578 mg/L ( Rat ) 4 h

### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

<b>ATEmix (oral)</b>	2982 Mg/kg
<b>ATEmix (dermal)</b>	6025 Mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	100.6 mg/l
<b>ATEmix (inhalation-vapor)</b>	738 mg/l

**UNKNOWN ACUTE TOXICITY** 0% of the mixture consists of ingredient(s) of unknown toxicity.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity**

According to IARC, Volume 93, no significant exposure to primary particles of titanium dioxide is thought to occur from use in paints since the pigment is bound to other materials.

Chemical Name	ACGIH	IARC	NTP	OSHA
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Isophorone 78-59-1	A3			
C.I. Pigment Red 104 12656-85-8	A3	Group 1	Known	X
Ethylene glycol monobutyl ether acetate 112-07-2	A3			
Titanium dioxide 13463-67-7		Group 2B		X
Antimony oxide (Sb2O3) 1309-64-4	A2	Group 2B		X
Formaldehyde 50-00-0	A2	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists)  
A2 - Suspected Human Carcinogen. A3 - Animal Carcinogen.  
IARC (International Agency for Research on Cancer)  
Group 1 - Carcinogenic to Humans. Group 2B - Possibly Carcinogenic to Humans.  
NTP (National Toxicology Program)  
Known - Known Carcinogen.  
OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
X - Present.

<b>Skin corrosion/irritation</b>	Not applicable
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation
<b>Skin sensitization</b>	Not applicable
<b>Respiratory sensitization</b>	Not applicable
<b>Germ cell mutagenicity</b>	Not applicable
<b>Carcinogenicity</b>	May cause cancer
<b>Reproductive Toxicity</b>	May damage fertility or the unborn child
<b>Specific target organ toxicity (single exposure)</b>	Not applicable
<b>Specific target organ toxicity (repeated exposure)</b>	May cause damage to organs through prolonged or repeated exposure
<b>Aspiration hazard</b>	Not applicable

## Section 12: ECOLOGICAL INFORMATION

### **Ecotoxicity**

Environmental precautions	Prevent product from entering drains.
Marine pollutant	This material meets the definition of a marine pollutant

### **Persistence and degradability**

No information available

### **Bioaccumulation**

No information available

### **Mobility**

No information available

### **Other adverse effects**

No information available

## Section 13: DISPOSAL CONSIDERATIONS

### **Waste treatment methods**

<b>Disposal of wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	Improper disposal or reuse of this container may be dangerous and illegal. Empty containers must be scrapped or reconditioned.

## Section 14: TRANSPORT INFORMATION

	<u><b>DOT</b></u>	<u><b>IMDG</b></u>	<u><b>IATA</b></u>
<b>14.1 UN/ID no</b>	UN1263	UN1263	UN1263
<b>14.2 Proper shipping name</b>	Paint	Paint	Paint
<b>14.3 Hazard Class</b>	3	3	3
<b>14.4 Packing Group</b>	III	III	III
<b>14.5 Environmental hazard</b> Yes			
<b>Marine pollutant</b> This material meets the definition of a marine pollutant			
<b>Marine pollutant</b> C.I. Pigment Red 104 , Solvent naphtha, petroleum, light aromatic			
<b>14.6 Special Provisions</b>	B1, B52, IB3, T2, TP1, TP29, 367	163, 223, 367 955	A3, A72, A192
	<b>Emergency Response Guide Number</b>	<b>EmS-No</b>	
	128	F-E, S-E	
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>			No information available

The supplier may apply one of the following exceptions: *Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.*

## Section 15: REGULATORY INFORMATION

### International Inventories

<b>TSCA</b> - United States Toxic Substances Control Act Section 8(b) Inventory	All components are listed or exempt from listing.
<b>DSL</b> - Canadian Domestic Substances List	All components are listed or exempt from listing.

### US Federal Regulations

A component in this material is subject to the following SNUR under TSCA 5(a)(2):  
67 FR 1937

Chemical Name	TSCA - Toxic Substances Control Act, Section 12(b) Export Notification
C.I. Pigment Red 104 12656-85-8	Section 5

Chemical Name	SARA 313 - Threshold Values %	Hazardous air pollutants (HAPs) content
Isophorone 78-59-1 10 - 25		Present
C.I. Pigment Red 104 12656-85-8 5 - 10	0.1	Present
Dimethyl phthalate 131-11-3 1 - 3	1	Present
Ethylene glycol monobutyl ether acetate 112-07-2 1 - 3	1	Present
Toluene 108-88-3 0.3 - 1	1	Present
Antimony oxide (Sb2O3) 1309-64-4 0.3 - 1	1	Present

### SARA 311/312 Hazard Categories

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No



Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Isophorone 78-59-1		X	X	
C.I. Pigment Red 104 12656-85-8		X		
Toluene 108-88-3	1000 lb	X	X	X
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) 1309-64-4	1000 lb	X		X
Formaldehyde 50-00-0	100 lb			X

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Isophorone 78-59-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Toluene 108-88-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) 1309-64-4	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Formaldehyde 50-00-0	100 lb	100 lb	RQ 100 lb final RQ RQ 45.4 kg final RQ

### US State Regulations

#### **Rule 66 status of product**

Photochemically reactive.

#### **California Proposition 65**

WARNING! This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

#### U.S. EPA Label information

EPA Pesticide registration number Not applicable

#### U.S. State Right-to-Know Regulations

Chemical Name
Proprietary Non-Hazardous Ingredient - Proprietary CAS
Proprietary Non-Hazardous Ingredient - Proprietary CAS
Isophorone 78-59-1
C.I. Pigment Red 104 12656-85-8
Proprietary Non-Hazardous Ingredient - Proprietary CAS
Proprietary Non-Hazardous Ingredient - Proprietary CAS
Dimethyl phthalate 131-11-3
Barium sulfate 7727-43-7
Ethylene glycol monobutyl ether acetate 112-07-2
Toluene 108-88-3
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) 1309-64-4

### **Section 16: OTHER INFORMATION**

**Product Code 434A986**

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**HMIS****Health hazards** 2\*

\* = Chronic Health Hazard

**Flammability** 3**Physical hazards** 0**Personal Protection** X**Supplier Address**

Valspar Coatings 701 Shiloh Rd. Garland, TX 75042 972-276-5181	The Valspar Corporation 901 N. Greenwood Ave. Kankakee, IL 60901 815-933-5561	Valspar Coil 5501 E. Slauson Ave. Los Angeles, CA 90040 323-726-7272
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**Prepared By** Product Stewardship**Revision date** 22-May-2016**Revision Note** No information available**Disclaimer**

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**End of Safety Data Sheet**