

# SAFETY DATA SHEET

Revision date 16-Jan-2025

Version 30

Supersedes Date: 08-Jan-2025

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

### Product identifier

**Product Code** 436R1094

**Product Name** FLUROPON SR ROMAN BLUE

### 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 Sherwin-Williams Company  
101 W. Prospect Avenue  
Cleveland, OH 44115

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

### Emergency telephone number

United States of America 1-888-345-5732

## Section 2: HAZARDS IDENTIFICATION

### Classification

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

### Label elements



**Signal word**

**DANGER**

### **HAZARD STATEMENTS**

Flammable liquid and vapor  
Causes serious eye irritation  
Suspected of causing cancer  
May damage fertility or the unborn child  
May cause drowsiness or dizziness

## PREVENTION

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Keep cool.

## 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: Remove person to fresh air and keep comfortable for breathing.

### Ingestion

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

### Fire

In case of fire: Use CO2, dry chemical, or foam for extinction.

## STORAGE

Store locked up. Store in a well-ventilated place. Keep container tightly closed.

## DISPOSAL

Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

## HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

No information available.

## OTHER HAZARDS

Not applicable.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Isophorone	78-59-1	10 - 25
Propylene glycol monomethyl ether acetate	108-65-6	10 - 25
C.I. Pigment Blue 36	68187-11-1	5 - 10
Titanium dioxide	13463-67-7	5 - 10
Ethylene glycol monobutyl ether acetate	112-07-2	3 - 5
Chromium iron oxide	12737-27-8	1 - 3
Dimethyl phthalate	131-11-3	1 - 3
Diisobutyl ketone	108-83-8	1 - 3
Toluene	108-88-3	0.3 - 1
2-Butoxyethanol	111-76-2	0.3 - 1
Formaldehyde	50-00-0	10 - <90 ppm

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

## Section 4: FIRST AID MEASURES

### Description of 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: Remove person to fresh air and keep comfortable for breathing.

**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.

**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. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers.

## 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. 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

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

#### 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 tightly closed in a dry and cool place.

#### Incompatible materials

Strong bases. Strong oxidizing agents. Acids.

## 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 Blue 36 68187-11-1	TWA: 0.02 mg/m <sup>3</sup> Co TWA: 0.5 mg/m <sup>3</sup> Cr	TWA: 0.5 mg/m <sup>3</sup> Cr	IDLH: 25 mg/m <sup>3</sup> Cr(III) TWA: 0.5 mg/m <sup>3</sup> Cr
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>
Ethylene glycol monobutyl ether acetate 112-07-2	TWA: 20 ppm		TWA: 5 ppm TWA: 33 mg/m <sup>3</sup>
Chromium iron oxide 12737-27-8	TWA: 0.5 mg/m <sup>3</sup> Cr	TWA: 0.5 mg/m <sup>3</sup> Cr 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: 15 mg/m <sup>3</sup> Cr(VI) IDLH: 25 mg/m <sup>3</sup> Cr(III) TWA: 0.0002 mg/m <sup>3</sup> Cr TWA: 0.5 mg/m <sup>3</sup> Cr
Dimethyl phthalate 131-11-3	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	IDLH: 2000 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>
Diisobutyl ketone 108-83-8	TWA: 25 ppm	TWA: 50 ppm TWA: 290 mg/m <sup>3</sup>	IDLH: 500 ppm TWA: 25 ppm TWA: 150 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>
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>
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

## 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>	blue
<b>Odor Threshold</b>	No information available
<b>pH - VALUE 1</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 / 82.4 °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>	13.1
<b>Lower flammability limit:</b>	.5
<b>Vapor pressure</b>	4.9
<b>Relative vapor density</b>	No information available
<b>Density (lbs per US gallon)</b>	11.03
<b>specific gravity</b>	1.32
<b>Solubility(ies)</b>	Insoluble in water
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	280 °C / 536 °F
<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>	Strong bases. Strong oxidizing agents. Acids.
<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**

May cause drowsiness or dizziness

### Numerical measures of toxicity - Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Isophorone 78-59-1	= 1870 mg/kg ( Rat )	= 1700 mg/kg ( Rat ) = 1390 mg/kg ( Rat )	= 7 mg/L ( Rat ) 4 h
Propylene glycol monomethyl ether acetate 108-65-6	= 8532 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
C.I. Pigment Blue 36 68187-11-1	-	-	-
Titanium dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-
Ethylene glycol monobutyl ether acetate 112-07-2	= 2400 mg/kg ( Rat )	= 1500 mg/kg ( Rabbit )	> 400 ppm ( Rat ) 4 h
Chromium iron oxide 12737-27-8	-	-	-
Dimethyl phthalate 131-11-3	= 6800 mg/kg ( Rat )	> 20 mL/kg ( Rabbit ) > 4800 mg/kg ( Rat )	-
Diisobutyl ketone 108-83-8	= 5750 mg/kg ( Rat )	= 16 g/kg ( Rabbit )	> 2300 ppm ( Rat ) 4 h
Toluene 108-88-3	= 2600 mg/kg ( Rat )	= 12000 mg/kg ( Rabbit )	= 12.5 mg/L ( Rat ) 4 h
2-Butoxyethanol 111-76-2	= 470 mg/kg ( Rat )	= 99 mg/kg ( Rabbit )	= 450 ppm ( Rat ) 4 h
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>	3,312.50 mg/kg
<b>ATEmix (dermal)</b>	5,910.30 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	21.00 mg/l
<b>ATEmix (inhalation-vapor)</b>	108.30 mg/l

### 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.

<b>Chemical name</b>	<b>ACGIH</b>	<b>IARC</b>	<b>NTP</b>	<b>OSHA</b>
Isophorone 78-59-1	A3			
C.I. Pigment Blue 36 68187-11-1	A3	Group 2B		X
Titanium dioxide 13463-67-7		Group 2B		X
Ethylene glycol monobutyl ether acetate 112-07-2	A3			
2-Butoxyethanol 111-76-2	A3			
Formaldehyde 50-00-0	A2	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - *Animal Carcinogen*. A2 - *Suspected Human Carcinogen*.

IARC (International Agency for Research on Cancer)

Group 2B - *Possibly Carcinogenic to Humans*. Group 1 - *Carcinogenic to Humans*.

NTP (National Toxicology Program)

Known - *Known Carcinogen*.

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - *Present*.

**Skin corrosion/irritation** Not applicable

**Serious eye damage/eye irritation** Causes serious eye irritation

**Skin sensitization** Not applicable

**Respiratory sensitization** Not applicable

**Germ cell mutagenicity** Not applicable

**Carcinogenicity** Suspected of causing cancer

**Reproductive Toxicity** May damage fertility or the unborn child

**Specific target organ toxicity (single exposure)** May cause drowsiness or dizziness

**Specific target organ toxicity (repeated exposure)** Not applicable

**Aspiration hazard** Not applicable

## **Section 12: ECOLOGICAL INFORMATION**

### **Ecotoxicity**

Environmental precautions Prevent product from entering drains.

### **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**

#### **Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated packaging**

Improper disposal or reuse of this container may be dangerous and illegal. Empty containers must be scrapped or reconditioned.

## Section 14: TRANSPORT INFORMATION

<b>14.1 UN number or ID number</b>	<b>DOT</b> UN1263	<b>IMDG</b> UN1263	<b>IATA</b> 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 hazards</b>			
<b>14.6 Special Provisions</b>	367, B1, B52, B131, IB3, T2, TP1, TP29	163, 223, 367, 955 <b>EmS-No.</b> F-E, S-E	A3, A72, A192
<b>14.7 Maritime transport in bulk according to IMO instruments</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. (Active List).
<b>DSL</b> - Canadian Domestic Substances List	All components are listed or exempt from listing

### US Federal Regulations

*All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED and rely on information provided to us by our raw material suppliers. Our suppliers often provide an estimated value or range less than a certain upper limit. We calculate MAXIMUM THEORETICAL VALUES using defined values, if provided, or the upper limit reported by our supplier. Additionally, the suppliers' information may include amounts present in the product as unintentional byproducts or impurities. Variations may occur in individual batches due to adjustments made during production.*

Chemical name	SARA 313 - Threshold Values %	Metals	Hazardous air pollutants (HAPs) content
Isophorone 78-59-1 10 - 25			Present
C.I. Pigment Blue 36 68187-11-1 5 - 10	0.1	Cobalt Chromium Zinc	Present
Ethylene glycol monobutyl ether acetate 112-07-2 3 - 5	1		Present
Chromium iron oxide 12737-27-8 1 - 3	1	Chromium	Present
Dimethyl phthalate 131-11-3 1 - 3	1		Present
Toluene 108-88-3 0.3 - 1	1		Present
Lead (ppm) SARA 313 - Threshold Value - 0% .1231			
Mercury (ppm) SARA 313 - Threshold Value - 0% .0008			

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Isophorone		X	X	



78-59-1				
C.I. Pigment Blue 36 68187-11-1		X		
Chromium iron oxide 12737-27-8		X		
Dimethyl phthalate 131-11-3		X	X	
Toluene 108-88-3	1000 lb	X	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
Dimethyl phthalate 131-11-3	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
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 chemicals known to the State of California to cause cancer and 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
Isophorone 78-59-1
Propylene glycol monomethyl ether acetate 108-65-6
Proprietary Non-Hazardous Ingredient - Proprietary CAS
C.I. Pigment Blue 36 68187-11-1
Titanium dioxide 13463-67-7
Proprietary Non-Hazardous Ingredient - Proprietary CAS
Ethylene glycol monobutyl ether acetate 112-07-2
Chromium iron oxide 12737-27-8
Dimethyl phthalate 131-11-3
Diisobutyl ketone 108-83-8
Toluene 108-88-3

## Section 16: OTHER INFORMATION

### HMIS

Health hazards 2\*

\* = Chronic Health Hazard

Flammability 3

Physical hazards 0

Personal Protection X

### Supplier Address

Valspar Coatings	The Valspar Corporation	Valspar Coil
701 Shiloh Rd.	901 N. Greenwood Ave.	5501 E. Slauson Ave.
Garland, TX 75042	Kankakee, IL 60901	Los Angeles, CA 90040
972-276-5181	815-933-5561	323-726-7272

Prepared By Product Stewardship

Revision date 16-Jan-2025

Revision Note No information available

### Disclaimer

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. **UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER 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. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

**End of Safety Data Sheet**