SAFETY DATA SHEET

Revision date 15-Jan-2025 Version 32 Supersedes Date: 07-Jan-2025

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

Product identifier

Product Code 437R994

Product Name FLPN SR DARK BRONZE

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

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 1A
Reproductive toxicity	Category 1B
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 3

AGHS - USA OSHA SDS

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 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.

Eves

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
Chromium iron oxide	12737-27-8	5 - 10
Dimethyl phthalate	131-11-3	3 - 5
Diisobutyl ketone	108-83-8	1 - 3
Ethylene glycol monobutyl ether acetate	112-07-2	1 - 3
Titanium dioxide	13463-67-7	1 - 3
Toluene	108-88-3	0.3 - 1
C.I. Pigment Yellow 53	8007-18-9	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.

Eve 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 physiciansTreat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, CO2, 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	Ceiling: 5 ppm	TWA: 25 ppm	IDLH: 200 ppm
78-59-1		TWA: 140 mg/m³	TWA: 4 ppm
			TWA: 23 mg/m ³
Chromium iron oxide	TWA: 0.5 mg/m ³ Cr	TWA: 0.5 mg/m ³ Cr	IDLH: 15 mg/m ³ Cr(VI) IDLH: 25
12737-27-8		Ceiling: 0.1 mg/m³ CrO3 applies to	
		any operations or sectors for which	TWA: 0.0002 mg/m³ Cr TWA: 0.5
		the Hexavalent Chromium standard	mg/m³ Cr
		[29 CFR 1910.1026] is stayed or is	
		otherwise not in effect	
Dimethyl phthalate	TWA: 5 mg/m ³	TWA: 5 mg/m ³	IDLH: 2000 mg/m ³
131-11-3			TWA: 5 mg/m ³
Diisobutyl ketone	TWA: 25 ppm	TWA: 50 ppm	IDLH: 500 ppm
108-83-8		TWA: 290 mg/m ³	TWA: 25 ppm
			TWA: 150 mg/m ³
Ethylene glycol monobutyl ether	TWA: 20 ppm		TWA: 5 ppm
acetate			TWA: 33 mg/m ³
112-07-2			
Titanium dioxide	TWA: 10 mg/m ³	TWA: 15 mg/m³ total dust	IDLH: 5000 mg/m ³
13463-67-7			
Toluene	TWA: 20 ppm	TWA: 200 ppm	IDLH: 500 ppm
108-88-3		Ceiling: 300 ppm	TWA: 100 ppm
			TWA: 375 mg/m ³
			STEL: 150 ppm
			STEL: 560 mg/m ³
C.I. Pigment Yellow 53	TWA: 0.5 mg/m ³ Sb TWA: 0.2 mg/m ³	TWA: 0.5 mg/m ³ Sb	IDLH: 50 mg/m³ Sb IDLH: 10 mg/m³
8007-18-9	Ni inhalable particulate matter		Ni Turk of the original of the
			TWA: 0.5 mg/m³ Sb TWA: 0.015
	=======================================		mg/m³ except Nickel carbonyl Ni
2-Butoxyethanol	TWA: 20 ppm	TWA: 50 ppm	IDLH: 700 ppm
111-76-2		TWA: 240 mg/m ³	TWA: 5 ppm
	0.111	S*	TWA: 24 mg/m ³
Formaldehyde	Ceiling: 0.3 ppm	TWA: 0.75 ppm	IDLH: 20 ppm

50-00-0	STEL: 2 ppm see 29 CFR	Ceiling: 0.1 ppm 15 min
	1910.1048	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

Physical state Liquid

Appearance No information available

OdorSolventColorbronze

Odor Threshold No information available PH - VALUE 1 No information available Melting point/freezing point No information available

Boiling point / boiling range No information available °C / °F

flash point 28 °C / 82.4 °F evaporation rate No information available Flammability (solid, gas) No information available

Flammability Limit in Air

Upper flammability limit: 13.1 Lower flammability limit: .5 Vapor pressure 4.9

Relative vapor density

No information available

Density (lbs per US gallon) 10.8 specific gravity 1.29

Solubility(ies)

Partition coefficient
Autoignition temperature
Decomposition temperature
Kinematic viscosity

No information available
No information available
No information available
No information available

Other information

Section 10: STABILITY AND REACTIVITY

Reactivity No information available.

Chemical stability Stable under normal conditions.

Possibility of Hazardous Reactions None under normal processing.

Hazardous polymerization None under normal processing.

Conditions to avoid Heat, flames and sparks.

Incompatible materials Strong bases. Strong oxidizing agents. Acids.

Hazardous Decomposition Products Carbon monoxide. Carbon dioxide (CO2). 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)	-
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
Ethylene glycol monobutyl ether acetate 112-07-2	= 2400 mg/kg (Rat)	= 1500 mg/kg (Rabbit)	> 400 ppm (Rat)4 h
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
C.I. Pigment Yellow 53 8007-18-9	-	-	-
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

ATEmix (oral) 2,895.20 mg/kg
ATEmix (dermal) 5,798.70 mg/kg
ATEmix (inhalation-dust/mist) 25.70 mg/l
ATEmix (inhalation-vapor) 118.30 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.

Chemical name	ACGIH	IARC	NTP	OSHA
Isophorone 78-59-1	А3			
Ethylene glycol monobutyl ether acetate 112-07-2	А3			
Titanium dioxide 13463-67-7		Group 2B		Х
C.I. Pigment Yellow 53 8007-18-9	A1	Group 1	Known	Х
2-Butoxyethanol 111-76-2	A3			
Formaldehyde 50-00-0	A2	Group 1	Known	Х

ACGIH (American Conference of Governmental Industrial Hygienists)

A1 - Known Human Carcinogen. A3 - Animal Carcinogen. A2 - Suspected Human 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.

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 May cause 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

Section 14: TRANSPORT INFORMATION

 14.1 UN number or ID number
 DOT UN1263
 IMDG UN1263
 UN1263

 14.2 Proper shipping name
 Paint
 Paint
 Paint

 14.3 Hazard Class
 3
 3

 14.4 Packing Group
 III
 III

14.5 Environmental hazards

14.6 Special Provisions 367, B1, B52, B131, IB3, T2, TP1, 163, 223, 367, 955 A3, A72, A192

TP29 EmS-No. Emergency Response Guide F-E, S-E

Number 128

14.7 Maritime transport in bulk according to IMO instruments

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

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

All components are listed or exempt

from listing. (Active List).

DSL - 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			Present
78-59-1			
10 - 25			
Chromium iron oxide 12737-27-8	1	Chromium	Present
5 - 10			
Dimethyl phthalate 131-11-3 3 - 5	1		Present
Ethylene glycol monobutyl ether acetate 112-07-2 1 - 3	1		Present
Toluene 108-88-3 0.3 - 1	1		Present
C.I. Pigment Yellow 53 8007-18-9 0.3 - 1	0.1	Antimony Nickel	Present
Lead (ppm) SARA 313 - Threshold Value .0665	- 0%		
Mercury (ppm) SARA 313 - Threshold Val .0002	ue - 0%		

Chemical name	CWA - Reportable	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous

	Quantities			Substances
Isophorone		X	X	
78-59-1				
Chromium iron oxide		X		
12737-27-8				
Dimethyl phthalate		X	X	
131-11-3				
Toluene	1000 lb	X	X	X
108-88-3				
C.I. Pigment Yellow 53		X		
8007-18-9				
Formaldehyde	100 lb			X
50-00-0				

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Isophorone	5000 lb		RQ 5000 lb final RQ
78-59-1			RQ 2270 kg final RQ
Dimethyl phthalate	5000 lb		RQ 5000 lb final RQ
131-11-3			RQ 2270 kg final RQ
Toluene	1000 lb		RQ 1000 lb final RQ
108-88-3			RQ 454 kg final RQ
Formaldehyde	100 lb	100 lb	RQ 100 lb final RQ
50-00-0			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
Chromium iron oxide
12737-27-8
Proprietary Non-Hazardous Ingredient - Proprietary CAS
Dimethyl phthalate
131-11-3
Diisobutyl ketone
108-83-8
Ethylene glycol monobutyl ether acetate
112-07-2
Titanium dioxide
13463-67-7
Toluene
108-88-3
C.I. Pigment Yellow 53
8007-18-9

Section 16: OTHER INFORMATION

HMIS

Health hazards

* = Chronic Health Hazard

Flammability

Physical hazards

Personal Protection

2*

3

0

X

Supplier Address

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

Prepared By Product Stewardship

Revision date 15-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