

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Apr 19, 2024

09 00 [0193]

PRODUCT NUMBER

F63E23

PRODUCT NAME

POLANE® S Plus Polyurethane Enamel, Orange

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Avenue

Cleveland, OH 44115

This document includes all data required by 40 CFR 63.801(a) for a Certified Product Data Sheet under criteria specified in 40 CFR 63.805(a). 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.

Hazard Category (for SARA 311.312)

F63E23 = | Acute | Chronic | Fire |

Product Weight

11.21 lb/gal

Specific Gravity

1.35

FLASH POINT

102 °F PMCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Methyl n-Amyl Ketone 110-43-0	N	N	N	N	25	41
Oxo-Hexyl Acetate 88230-35-7	N	N	N	N	1	2

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Mercury (as Hg)	N	N	Y	N	0.00005	
Lead (as Pb)	N	N	Y	N	0.0003	

Volatile Organic Compounds - U.S. EPA / Canada

	F63E23	
	LB/Gal	g/L
Coating Density	11.21	1342
	By wt	By vol
Total Volatiles	25.9%	42.8%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	25.9%	42.8%
Percent Non-Volatile	74.1%	57.2%
VOC Content	LB/Gal	g/L
Total	2.89	347
Less exempt solvents	2.89	347
Of solids	5.06	606
Of solids	0.34 lb/lb	0.34 kg/kg
	By wt	
By wt LVP-VOC	25.8%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.70**

Volatile Organic Compounds - California

	F63E23	
	LB/Gal	g/L
Coating Density	11.21	1342
	By wt	By vol
Total Volatiles	25.9%	42.8%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	25.9%	42.8%
Percent Non-Volatile	74.1%	57.2%
VOC Content	LB/Gal	g/L
Total	2.89	347
Less exempt solvents	2.89	347
Of solids	5.06	606
Of solids	0.34 lb/lb	0.34 kg/kg
	By wt	
By wt LVP-VOC	25.8%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.59**

Volatile Organic Compounds - South Coast Air Quality Management District, California, US

	F63E23	
	LB/Gal	g/L
Coating Density	11.21	1342
	By wt	By vol
Total Volatiles	25.9%	42.8%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	25.9%	42.8%
Percent Non-Volatile	74.1%	57.2%
VOC Content	LB/Gal	g/L
Total	2.89	347
Less exempt solvents	2.89	347
Of solids	5.06	606
Of solids	0.34 lb/lb	0.34 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F63E23	
	By wt	By vol
Total Volatiles	25.9%	42.8%
VOC Content	LB/Gal	g/L
Total	2.89	347

Volatile Organic Compounds - EU Directive 2010/75/EU

	F63E23	
	By wt	By vol
Total Volatiles	25.9%	42.8%
VOC Content	LB/Gal	g/L
Total	2.89	347

Volatile Organic Compounds - Mexico

	F63E23	
	LB/Gal	g/L
Coating Density	11.21	1342
	By wt	By vol
Total Volatiles	25.9%	42.8%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	25.9%	42.8%
Percent Non-Volatile	74.1%	57.2%
VOC Content	LB/Gal	g/L
Total	2.89	347
Less exempt solvents	2.89	347
Of solids	5.06	606
Of solids	0.34 lb/lb	0.34 kg/kg

Hazardous Air Pollutants (Clean Air Act, Section 112(b))

	F63E23	
	LB/Gal	kg/L
Volatile HAPS	0.00	0.000
Of solids	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg

Air Quality Data**Density of Organic Solvent Blend**

6.77 lb/gal

Photochemically Reactive

No

Waste Disposal

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

The addition of any material to this product can change the composition, hazards and risks of the product and may substantially alter the above data. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.