

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Sep 14, 2024

15 00 [2544]

PRODUCT NUMBER

F63NL5

PRODUCT NAME

Polane Solar Reflective Polyurethane Enamel, R/S Brown

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)

F63NL5 = | Acute | Chronic | Fire |

Product Weight

10.91 lb/gal

Specific Gravity

1.31

FLASH POINT

80 °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	9	15
n-Amyl Propionate 624-54-4	N	N	N	N	3	4
n-Butyl Acetate 123-86-4	N	Y	N	N	18	26
t-Butyl Acetate 540-88-5	N	Y	N	N	1	2

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Manganese	N	N	Y	N	1	
Antimony (as Sb)	N	Y	Y	N	6	
Lead (as Pb)	N	N	Y	N	0.0001	
Manganese Compound	N	N	Y	Y	10	
Antimony Compound	N	N	Y	Y	10	

Volatile Organic Compounds - U.S. EPA / Canada

	F63NL5	
	LB/Gal	g/L
Coating Density	10.91	1307
	By wt	By vol
Total Volatiles	31.4%	47.8%
Federally exempt solvents		
Water	0.0%	0.0%
T-Butyl Acetate	1.0%	1.5%
Organic Volatiles	30.4%	46.3%
Percent Non-Volatile	68.6%	52.2%
VOC Content	LB/Gal	g/L
Total	3.32	397
Less exempt solvents	3.37	404
Of solids	6.36	762
Of solids	0.44 lb/lb	0.44 kg/kg
	By wt	
By wt LVP-VOC	30.4%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **1.02**

Volatile Organic Compounds - California

	F63NL5	
	LB/Gal	g/L
Coating Density	10.91	1307
	By wt	By vol
Total Volatiles	31.4%	47.8%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	31.4%	47.8%
Percent Non-Volatile	68.6%	52.2%
VOC Content	LB/Gal	g/L
Total	3.43	411
Less exempt solvents	3.43	411
Of solids	6.57	788
Of solids	0.45 lb/lb	0.45 kg/kg
	By wt	
By wt LVP-VOC	31.4%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.41**

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

	F63NL5	
	LB/Gal	g/L
Coating Density	10.91	1307
	By wt	By vol
Total Volatiles	31.4%	47.8%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	31.4%	47.8%
Percent Non-Volatile	68.6%	52.2%
VOC Content	LB/Gal	g/L
Total	3.43	411
Less exempt solvents	3.43	411
Of solids	6.57	788
Of solids	0.45 lb/lb	0.45 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F63NL5	
	By wt	By vol
Total Volatiles	31.5%	48.0%
VOC Content	LB/Gal	g/L
Total	3.43	412

Volatile Organic Compounds - EU Directive 2010/75/EU

	F63NL5	
	By wt	By vol
Total Volatiles	31.4%	47.8%
VOC Content	LB/Gal	g/L
Total	3.43	411

Volatile Organic Compounds - Mexico

	F63NL5	
	LB/Gal	g/L
Coating Density	10.91	1307
	By wt	By vol
Total Volatiles	31.4%	47.8%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	31.4%	47.8%
Percent Non-Volatile	68.6%	52.2%
VOC Content	LB/Gal	g/L
Total	3.43	411
Less exempt solvents	3.43	411
Of solids	6.57	788
Of solids	0.45 lb/lb	0.45 kg/kg

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

	F63NL5	
	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

7.17 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 and extractability 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.