

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Apr 19, 2024

54 00 [2123]

PRODUCT NUMBER

F63W12

PRODUCT NAME

POLANE® T Polyurethane Enamel, Linear White

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)

F63W12 = | Acute | Chronic | Fire |

Product Weight

10.79 lb/gal

Specific Gravity

1.30

FLASH POINT

41 °F PMCC

AS MIXED (as per product data sheet): POLANE* Catalyzed 6 parts F63W12 to 1 part V66V27

AS MIXED

Product Weight

10.62 lb/gal

Specific Gravity

1.28

FLASH POINT

35 °F TCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Toluene 108-88-3	N	Y	Y	Y	4	7
Ethylbenzene 100-41-4	N	Y	Y	Y	0.5	0.8
Xylene 1330-20-7	N	Y	Y	Y	3	4
Methyl Ethyl Ketone 78-93-3	N	Y	N	N	7	12
Cyclohexanone 108-94-1	N	Y	N	N	19	27
n-Butyl Acetate 123-86-4	N	Y	N	N	11	17

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Mercury (as Hg)	N	N	Y	N	0.000003	
Lead (as Pb)	N	N	Y	N	0.00003	

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Toluene 108-88-3	N	Y	Y	Y	4	6
Ethylbenzene 100-41-4	N	Y	Y	Y	0.5	0.7
Xylene 1330-20-7	N	Y	Y	Y	2	4
Methyl Ethyl Ketone 78-93-3	N	Y	N	N	6	10
Cyclohexanone 108-94-1	N	Y	N	N	17	23
n-Butyl Acetate 123-86-4	N	Y	N	N	10	14
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	5	6

Regulated Compounds AS MIXED

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Mercury (as Hg)	N	N	Y	N	0.000003	
Lead (as Pb)	N	N	Y	N	0.00003	

Volatile Organic Compounds - U.S. EPA / Canada

	F63W12		AS MIXED	
	LB/Gal	g/L	POLANE* Catalyzed 6 parts F63W12 to 1 part V66V27 LB/Gal	g/L
Coating Density	10.79	1293	10.62	1272
	By wt	By vol	By wt	By vol
Total Volatiles	45.7%	66.7%	45.0%	63.7%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	45.7%	66.7%	45.0%	63.7%
Percent Non-Volatile	54.3%	33.3%	55.0%	36.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	4.93	591	4.78	572
Less exempt solvents	4.93	591	4.78	572
Of solids	14.83	1777	13.16	1577
Of solids	0.84 lb/lb	0.84 kg/kg	0.81 lb/lb	0.81 kg/kg
	By wt		By wt	
By wt LVP-VOC	45.7%		45.0%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.92**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.88**

Volatile Organic Compounds - California

	F63W12		AS MIXED	
	LB/Gal	g/L	POLANE* Catalyzed 6 parts F63W12 to 1 part V66V27 LB/Gal	g/L
Coating Density	10.79	1293	10.62	1272
	By wt	By vol	By wt	By vol
Total Volatiles	45.7%	66.7%	45.0%	63.7%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	45.7%	66.7%	45.0%	63.7%
Percent Non-Volatile	54.3%	33.3%	55.0%	36.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	4.93	591	4.78	572
Less exempt solvents	4.93	591	4.78	572
Of solids	14.83	1777	13.16	1577
Of solids	0.84 lb/lb	0.84 kg/kg	0.81 lb/lb	0.81 kg/kg
	By wt		By wt	
By wt LVP-VOC	45.7%		45.0%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.86**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.84**

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

	F63W12		AS MIXED	
	LB/Gal	g/L	POLANE* Catalyzed 6 parts F63W12 to 1 part V66V27 LB/Gal	g/L
Coating Density	10.79	1293	10.62	1272
	By wt	By vol	By wt	By vol
Total Volatiles	45.7%	66.7%	45.0%	63.7%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	45.7%	66.7%	45.0%	63.7%
Percent Non-Volatile	54.3%	33.3%	55.0%	36.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	4.93	591	4.78	572
Less exempt solvents	4.93	591	4.78	572
Of solids	14.83	1777	13.16	1577
Of solids	0.84 lb/lb	0.84 kg/kg	0.81 lb/lb	0.81 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F63W12		AS MIXED	
	By wt	By vol	POLANE* Catalyzed 6 parts F63W12 to 1 part V66V27 By wt	By vol
Total Volatiles	45.7%	66.7%	45.0%	63.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	4.93	591	4.78	572

Volatile Organic Compounds - EU Directive 2010/75/EU

	F63W12		AS MIXED POLANE* Catalyzed 6 parts F63W12 to 1 part V66V27	
	By wt	By vol	By wt	By vol
Total Volatiles	45.7%	66.7%	45.0%	63.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	4.93	591	4.78	572

Volatile Organic Compounds - Mexico

	F63W12		AS MIXED POLANE* Catalyzed 6 parts F63W12 to 1 part V66V27	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	10.79	1293	10.62	1272
	By wt	By vol	By wt	By vol
Total Volatiles	45.7%	66.7%	45.0%	63.7%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	45.7%	66.7%	45.0%	63.7%
Percent Non-Volatile	54.3%	33.3%	55.0%	36.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	4.93	591	4.78	572
Less exempt solvents	4.93	591	4.78	572
Of solids	14.83	1777	13.16	1577
Of solids	0.84 lb/lb	0.84 kg/kg	0.81 lb/lb	0.81 kg/kg

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

	F63W12		AS MIXED POLANE* Catalyzed 6 parts F63W12 to 1 part V66V27	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.82	0.098	0.70	0.084
Of solids	2.47	0.297	1.95	0.233
Of solids	0.14 lb/lb	0.14 kg/kg	0.12 lb/lb	0.12 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.40 lb/gal

Photochemically Reactive

No

Density of Organic Solvent Blend AS MIXED

7.51 lb/gal

Photochemically Reactive AS MIXED

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.