

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Apr 20, 2024

16 00 [0243]

PRODUCT NUMBER

F93W103

PRODUCT NAME

MIL-DTL-53039F Type IV, Polymeric Moisture Cure Topcoat, 1K Aliphatic Polyurethane, 1.0 VOC, CARC, Aircraft
White 37875 Q2124

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS CO.
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)

F93W103 = | Acute | Chronic | Fire |

Product Weight

10.57 lb/gal

Specific Gravity

1.27

FLASH POINT

95 °F PMCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Light Aromatic Hydrocarbons 64742-95-6	N	N	N	N	2	3
Cumene 98-82-8	N	Y	Y	Y	0.1	0.2
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	38	36
n-Butyl Acetate 123-86-4	N	Y	N	N	1	2

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Lead (as Pb)	N	N	Y	N	0.000001	

Volatile Organic Compounds - U.S. EPA / Canada

	F93W103	
	LB/Gal	g/L
Coating Density	10.57	1266
	By wt	By vol
Total Volatiles	43.2%	43.7%
Federally exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	37.7%	35.7%
Organic Volatiles	5.5%	8.0%
Percent Non-Volatile	56.8%	56.3%
VOC Content	LB/Gal	g/L
Total	0.57	69
Less exempt solvents	0.89	107
Of solids	1.02	122
Of solids	0.09 lb/lb	0.09 kg/kg
	By wt	
By wt LVP-VOC	5.1%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.41**

Volatile Organic Compounds - California

	F93W103	
	LB/Gal	g/L
Coating Density	10.57	1266
	By wt	By vol
Total Volatiles	43.2%	43.7%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	37.7%	35.7%
Organic Volatiles	5.5%	8.0%
Percent Non-Volatile	56.8%	56.3%
VOC Content	LB/Gal	g/L
Total	0.57	69
Less exempt solvents	0.89	107
Of solids	1.02	122
Of solids	0.09 lb/lb	0.09 kg/kg
	By wt	
By wt LVP-VOC	5.1%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.39**

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

	F93W103	
	LB/Gal	g/L
Coating Density	10.57	1266
	By wt	By vol
Total Volatiles	43.2%	43.7%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	37.7%	35.7%
Organic Volatiles	5.5%	8.0%
Percent Non-Volatile	56.8%	56.3%
VOC Content	LB/Gal	g/L
Total	0.57	69
Less exempt solvents	0.89	107
Of solids	1.02	122
Of solids	0.09 lb/lb	0.09 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93W103	
	By wt	By vol
Total Volatiles	46.9%	47.9%
VOC Content	LB/Gal	g/L
Total	4.95	593

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93W103	
	By wt	By vol
Total Volatiles	43.2%	43.7%
VOC Content	LB/Gal	g/L
Total	4.56	547

Volatile Organic Compounds - Mexico

	F93W103	
	LB/Gal	g/L
Coating Density	10.57	1266
	By wt	By vol
Total Volatiles	43.2%	43.7%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	43.2%	43.7%
Percent Non-Volatile	56.8%	56.3%
VOC Content	LB/Gal	g/L
Total	4.56	547
Less exempt solvents	4.56	547
Of solids	8.11	971
Of solids	0.76 lb/lb	0.76 kg/kg

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

	F93W103	
	LB/Gal	kg/L
Volatile HAPS	0.01	0.001
Of solids	0.02	0.002
Of solids	0.00 lb/lb	0.00 kg/kg

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

10.45 lb/gal

Photochemically Reactive

Yes

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.