

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Dec 12, 2023

01 00 [0143]

PRODUCT NUMBER

F93G0S116

PRODUCT NAME

MIL-DTL-53039F TYPE IV POLYMERIC MOISTURE CURE TOPCOAT 1K ALIPHATIC POLYURETHANE 1.0 VOC
BLISTER RESISTANT CARC, GREEN 383, 34094 Q2177

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. Variations may occur
on individual batches due to adjustments made during production.

Hazard Category (for SARA 311.312)

F93G0S116 = | Acute | Chronic | Fire |

Product Weight

11.10 lb/gal

Specific Gravity

1.34

FLASH POINT

95 °F TCC

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	< 1
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	34	34
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
Cobalt	N	N	Y	N	1	
Zinc (as Zn)	N	Y	Y	N	2	
Antimony (as Sb)	N	Y	Y	N	4	
Chromium Compound	N	N	Y	Y	18	
Cobalt Compound	N	N	Y	Y	9	
Zinc Compound	N	N	Y	N	9	
Antimony Compound	N	N	Y	Y	9	

Volatile Organic Compounds - U.S. EPA / Canada

	F93G0S116	
	LB/Gal	g/L
Coating Density	11.10	1330
	By wt	By vol
Total Volatiles	39.6%	42.2%
Federally exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	34.1%	34.0%
Organic Volatiles	5.4%	8.3%
Percent Non-Volatile	60.4%	57.8%
VOC Content	LB/Gal	g/L
Total	0.60	71
Less exempt solvents	0.90	108
Of solids	1.04	124
Of solids	0.08 lb/lb	0.08 kg/kg
	By wt	
By wt LVP-VOC	5.3%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.35**

Volatile Organic Compounds - California

	F93G0S116	
	LB/Gal	g/L
Coating Density	11.10	1330
	By wt	By vol
Total Volatiles	39.6%	42.2%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	34.1%	34.0%
Organic Volatiles	5.4%	8.3%
Percent Non-Volatile	60.4%	57.8%
VOC Content	LB/Gal	g/L
Total	0.60	71
Less exempt solvents	0.90	108
Of solids	1.04	124
Of solids	0.08 lb/lb	0.08 kg/kg
	By wt	
By wt LVP-VOC	5.3%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.36**

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

	F93G0S116	
	LB/Gal	g/L
Coating Density	11.10	1330
	By wt	By vol
Total Volatiles	39.6%	42.2%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	34.1%	34.0%
Organic Volatiles	5.4%	8.3%
Percent Non-Volatile	60.4%	57.8%
VOC Content	LB/Gal	g/L
Total	0.60	71
Less exempt solvents	0.90	108
Of solids	1.04	124
Of solids	0.08 lb/lb	0.08 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93G0S116	
	By wt	By vol
Total Volatiles	43.3%	46.7%
VOC Content	LB/Gal	g/L
Total	4.80	575

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93G0S116	
	By wt	By vol
Total Volatiles	39.6%	42.2%
VOC Content	LB/Gal	g/L
Total	4.39	526

Volatile Organic Compounds - Mexico

	F93G0S116	
	LB/Gal	g/L
Coating Density	11.10	1330
	By wt	By vol
Total Volatiles	39.6%	42.2%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	39.6%	42.2%
Percent Non-Volatile	60.4%	57.8%
VOC Content	LB/Gal	g/L
Total	4.39	526
Less exempt solvents	4.39	526
Of solids	7.60	911
Of solids	0.65 lb/lb	0.65 kg/kg

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

	F93G0S116	
	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**

10.39 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.

Addition of reducers or other additives to this product 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.