

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Nov 11, 2022

01 00 [1720]

PRODUCT NUMBER

F93G110

PRODUCT NAME

MIL-DTL-53039E Type III Polymeric Moisture Cure Topcoat 1K Aliphatic Polyurethane 1.5 VOC CARC Green 383
34094 Q1913

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)

F93G110 = | Acute | Chronic | Fire |

Product Weight

10.83 lb/gal

Specific Gravity

1.30

FLASH POINT

96 °F TCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	25	24
Methyl Isoamyl Ketone 110-12-3	N	N	N	N	6	10
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
Chromium (as Cr)	N	Y	Y	N	11	
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	19	
Cobalt Compound	N	N	Y	Y	10	
Zinc Compound	N	N	Y	N	10	

Volatile Organic Compounds - U.S. EPA / Canada

	F93G110	
	LB/Gal	g/L
Coating Density	10.83	1297
	By wt	By vol
Total Volatiles	34.8%	39.5%
Federally exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	25.1%	24.3%
Organic Volatiles	9.7%	15.2%
Percent Non-Volatile	65.2%	60.5%
VOC Content	LB/Gal	g/L
Total	1.04	125
Less exempt solvents	1.38	166
Of solids	1.73	207
Of solids	0.14 lb/lb	0.14 kg/kg
	By wt	
By wt LVP-VOC	9.3%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.30**

Volatile Organic Compounds - California

	F93G110	
	LB/Gal	g/L
Coating Density	10.83	1297
	By wt	By vol
Total Volatiles	34.8%	39.5%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	25.1%	24.3%
Organic Volatiles	9.7%	15.2%
Percent Non-Volatile	65.2%	60.5%
VOC Content	LB/Gal	g/L
Total	1.04	125
Less exempt solvents	1.38	166
Of solids	1.73	207
Of solids	0.14 lb/lb	0.14 kg/kg
	By wt	
By wt LVP-VOC	9.3%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.29**

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

	F93G110	
	LB/Gal	g/L
Coating Density	10.83	1297
	By wt	By vol
Total Volatiles	34.8%	39.5%
Exempt solvents		
Water	0.0%	0.0%
P-Chlorobenzotrifluoride	25.1%	24.3%
Organic Volatiles	9.7%	15.2%
Percent Non-Volatile	65.2%	60.5%
VOC Content	LB/Gal	g/L
Total	1.04	125
Less exempt solvents	1.38	166
Of solids	1.73	207
Of solids	0.14 lb/lb	0.14 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93G110	
	By wt	By vol
Total Volatiles	38.8%	44.2%
VOC Content	LB/Gal	g/L
Total	4.19	503

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93G110	
	By wt	By vol
Total Volatiles	34.8%	39.5%
VOC Content	LB/Gal	g/L
Total	3.76	451

Volatile Organic Compounds - Mexico

	F93G110	
	LB/Gal	g/L
Coating Density	10.83	1297
	By wt	By vol
Total Volatiles	34.8%	39.5%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	34.8%	39.5%
Percent Non-Volatile	65.2%	60.5%
VOC Content	LB/Gal	g/L
Total	3.76	451
Less exempt solvents	3.76	451
Of solids	6.22	745
Of solids	0.53 lb/lb	0.53 kg/kg

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

	F93G110	
	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**

9.53 lb/gal

Photochemically Reactive

Yes

Additional Regulatory Information**US EPA TSCA:**

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

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.