

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Oct 13, 2017

01 00 [1361]

**PRODUCT NUMBER**

F93G116

**PRODUCT NAME**

MIL-DTL-53039E Type IV Polymeric Moisture Cure Topcoat 1K Aliphatic Polyurethane 1.0 VOC CARC Green 383  
34094 Q2050

**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.

**Product Weight**

11.05 lb/gal

**Specific Gravity**

1.33

**FLASH POINT**

95 °F TCC

**Hazard Category (for SARA 311.312)**

| Acute | Chronic | Fire |

**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	1	2
1,2,4-Trimethylbenzene 95-63-6	N	N	Y	N	2	3
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	38	38
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	Y	9	
Cobalt	N	N	Y	N	1	
Zinc (as Zn)	N	Y	Y	N	2	
Chromium Compound	N	N	Y	N	16	
Cobalt Compound	N	N	Y	N	8	
Zinc Compound	N	N	Y	N	8	

**Volatile Organic Compounds - U.S. EPA**

A.	Coating Density	11.05 lb/gal	1324 g/l	
B.	Total Volatiles	42.9% by wt.	45.1% by vol.	
C.	Federally exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
	p-Chlorobenzotrifluoride	37.9% by wt.	37.5% by vol.	
D.	Organic Volatiles	5.0% by wt.	7.6% by vol.	
E.	Percent Non-Volatile	57.1% by wt.	54.9% by vol.	
F.	VOC Content	0.54 lb/gal	65 g/l	total
		0.87 lb/gal	105 g/l	less exempt solvents
		1.00 lb/gal	119 g/l	of solids
		0.08 lb/lb	0.08 kg/kg	of solids
		5.0%		by wt LVP-VOC
	Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009)			
		0.37		

### Volatile Organic Compounds - California

A.	Coating Density	11.05 lb/gal	1324 g/l	
B.	Total Volatiles	42.9% by wt.	45.1% by vol.	
C.	Exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
	p-Chlorobenzotrifluoride	37.9% by wt.	37.5% by vol.	
D.	Organic Volatiles	5.0% by wt.	7.6% by vol.	
E.	Percent Non-Volatile	57.1% by wt.	54.9% by vol.	
F.	VOC Content	0.54 lb/gal	65 g/l	total
		0.87 lb/gal	105 g/l	less exempt solvents
		1.00 lb/gal	119 g/l	of solids
		0.08 lb/lb	0.08 kg/kg	of solids
		5.0%		by wt LVP-VOC
Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010)				
0.37				

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

A.	Coating Density	11.05 lb/gal	1324 g/l	
B.	Total Volatiles	42.9% by wt.	45.1% by vol.	
C.	Exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
	p-Chlorobenzotrifluoride	37.9% by wt.	37.5% by vol.	
D.	Organic Volatiles	5.0% by wt.	7.6% by vol.	
E.	Percent Non-Volatile	57.1% by wt.	54.9% by vol.	
F.	VOC Content	0.54 lb/gal	65 g/l	total
		0.87 lb/gal	105 g/l	less exempt solvents
		1.00 lb/gal	119 g/l	of solids
		0.08 lb/lb	0.08 kg/kg	of solids
		5.0%		by wt LVP-VOC

### Volatile Organic Compounds - EU Directive 2010/75/EU

Total Volatiles	42.9% by wt.	45.1% by vol.
VOC Content	4.73 lb/gal	567 g/l

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

Volatile HAPS	0.00 lb/gal	0.000 kg/l
	0.00 lb/gal	0.000 kg/l of solids
	0.00 lb/lb	0.00 kg/kg of solids

### Air Quality Data

Density of Organic Solvent Blend  
10.51 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.