

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Oct 13, 2017

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PRODUCT NUMBER

F93G0S109

PRODUCT NAME

F93G0S109 MIL-DTL-53039C T2 MOISTURE CURE SILICA TOPCOAT 1K ALIPHATIC POLYURETHANE 1.5 VOC
HAPS FREE BLISTER RESISTANT GREEN 383 34094 Q1914

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

12.21 lb/gal

Specific Gravity

1.47

FLASH POINT

96 °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
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	30	33
Methyl Isoamyl Ketone 110-12-3	N	N	N	N	4	8
n-Butyl Acetate 123-86-4	N	Y	N	N	2	3

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Chromium (as Cr)	N	Y	Y	Y	7	
Cobalt	N	N	Y	N	0.9	
Zinc (as Zn)	N	Y	Y	N	1	
Chromium Compound	N	N	Y	N	12	
Cobalt Compound	N	N	Y	N	6	
Zinc Compound	N	N	Y	N	6	

Volatile Organic Compounds - U.S. EPA

A.	Coating Density	12.21 lb/gal	1463 g/l	
B.	Total Volatiles	38.5% by wt.	47.4% by vol.	
C.	Federally exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
	p-Chlorobenzotrifluoride	30.4% by wt.	33.3% by vol.	
D.	Organic Volatiles	8.1% by wt.	14.1% by vol.	
E.	Percent Non-Volatile	61.5% by wt.	52.6% by vol.	
F.	VOC Content	0.98 lb/gal	118 g/l	total
		1.48 lb/gal	177 g/l	less exempt solvents
		1.87 lb/gal	225 g/l	of solids
		0.13 lb/lb	0.13 kg/kg	of solids
		8.1%		by wt LVP-VOC
	Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009)			
		0.25		

Volatile Organic Compounds - California

A.	Coating Density	12.21 lb/gal	1463 g/l	
B.	Total Volatiles	38.5% by wt.	47.4% by vol.	
C.	Exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
	p-Chlorobenzotrifluoride	30.4% by wt.	33.3% by vol.	
D.	Organic Volatiles	8.1% by wt.	14.1% by vol.	
E.	Percent Non-Volatile	61.5% by wt.	52.6% by vol.	
F.	VOC Content	0.98 lb/gal	118 g/l	total
		1.48 lb/gal	177 g/l	less exempt solvents
		1.87 lb/gal	225 g/l	of solids
		0.13 lb/lb	0.13 kg/kg	of solids
		8.1%		by wt LVP-VOC

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010)
0.25

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

A.	Coating Density	12.21 lb/gal	1463 g/l	
B.	Total Volatiles	38.5% by wt.	47.4% by vol.	
C.	Exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
	p-Chlorobenzotrifluoride	30.4% by wt.	33.3% by vol.	
D.	Organic Volatiles	8.1% by wt.	14.1% by vol.	
E.	Percent Non-Volatile	61.5% by wt.	52.6% by vol.	
F.	VOC Content	0.98 lb/gal	118 g/l	total
		1.48 lb/gal	177 g/l	less exempt solvents
		1.87 lb/gal	225 g/l	of solids
		0.13 lb/lb	0.13 kg/kg	of solids
		8.1%		by wt LVP-VOC

Volatile Organic Compounds - EU Directive 2010/75/EU

Total Volatiles	38.5% by wt.	47.4% by vol.
VOC Content	4.70 lb/gal	563 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

9.93 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.