

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Jan 15, 2024

01 00 [1522]

PRODUCT NUMBER

F93G0S111

PRODUCT NAME

MIL-DTL-53039F T9 Coating, Aliphatic Polyurethane, 1K, CARC, Green 383 34094 Q2178

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)

F93G0S111 = | Acute | Chronic | Fire |

Product Weight

9.42 lb/gal

Specific Gravity

1.13

FLASH POINT

95 °F TCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Mineral Spirits 140-Flash 64742-88-7	N	N	N	N	2	3
Methyl Isoamyl Ketone 110-12-3	N	N	N	N	26	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
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	
Antimony Compound	N	N	Y	Y	10	

Volatile Organic Compounds - U.S. EPA / Canada

	F93G0S111	
	LB/Gal	g/L
Coating Density	9.42	1128
	By wt	By vol
Total Volatiles	31.6%	44.0%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	31.6%	44.0%
Percent Non-Volatile	68.4%	56.0%
VOC Content	LB/Gal	g/L
Total	2.97	357
Less exempt solvents	2.97	357
Of solids	5.31	637
Of solids	0.46 lb/lb	0.46 kg/kg
	By wt	
By wt LVP-VOC	31.3%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.71**

Volatile Organic Compounds - California

	F93G0S111	
	LB/Gal	g/L
Coating Density	9.42	1128
	By wt	By vol
Total Volatiles	31.6%	44.0%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	31.6%	44.0%
Percent Non-Volatile	68.4%	56.0%
VOC Content	LB/Gal	g/L
Total	2.97	357
Less exempt solvents	2.97	357
Of solids	5.31	637
Of solids	0.46 lb/lb	0.46 kg/kg
	By wt	
By wt LVP-VOC	31.3%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.77**

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

	F93G0S111	
	LB/Gal	g/L
Coating Density	9.42	1128
	By wt	By vol
Total Volatiles	31.6%	44.0%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	31.6%	44.0%
Percent Non-Volatile	68.4%	56.0%
VOC Content	LB/Gal	g/L
Total	2.97	357
Less exempt solvents	2.97	357
Of solids	5.31	637
Of solids	0.46 lb/lb	0.46 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93G0S111	
	By wt	By vol
Total Volatiles	36.6%	49.0%
VOC Content	LB/Gal	g/L
Total	3.44	412

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93G0S111	
	By wt	By vol
Total Volatiles	31.6%	44.0%
VOC Content	LB/Gal	g/L
Total	2.97	357

Volatile Organic Compounds - Mexico

	F93G0S111	
	LB/Gal	g/L
Coating Density	9.42	1128
	By wt	By vol
Total Volatiles	31.6%	44.0%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	31.6%	44.0%
Percent Non-Volatile	68.4%	56.0%
VOC Content	LB/Gal	g/L
Total	2.97	357
Less exempt solvents	2.97	357
Of solids	5.31	637
Of solids	0.46 lb/lb	0.46 kg/kg

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

	F93G0S111	
	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**

6.78 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.