ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Jan 15, 2024

01 00 [2548]

PRODUCT NUMBER

F93G111

PRODUCT NAME

MIL-DTL-53039F T9, Polymeric Moisture Cure Topcoat 1K Aliphatic Polyurethane, 3.5 VOC HAPS Free, Green 383, 34094 Q1912

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)

F93G111 = | Fire |

Product Weight	Specific Gravity	FLASH POINT
9.37 lb/gal	1.13	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	27	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
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

	F93G111	
	LB/Gal	**g/L**
Coating Density	9.37	1122
	By wt	**By vol**
Total Volatiles	32.6%	45.1%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	32.6%	45.1%
Percent Non-Volatile	67.4%	54.9%
VOC Content	**LB/Gal**	**g/L**
Total	3.05	366
Less exempt solvents	3.05	366
Of solids	5.57	667
Of solids	0.48 lb/lb	0.48 kg/kg
	By wt	
By wt LVP-VOC	32.3%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.74**

Volatile Organic Compounds - California

	F93G111	
	LB/Gal	**g/L**
Coating Density	9.37	1122
	By wt	**By vol**
Total Volatiles	32.6%	45.1%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	32.6%	45.1%
Percent Non-Volatile	67.4%	54.9%
VOC Content	**LB/Gal**	**g/L**
Total	3.05	366
Less exempt solvents	3.05	366
Of solids	5.57	667
Of solids	0.48 lb/lb	0.48 kg/kg
	By wt	
By wt LVP-VOC	32.3%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.80**

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

	F93G111	
	LB/Gal	**g/L**
Coating Density	9.37	1122
	By wt	**By vol**
Total Volatiles	32.6%	45.1%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	32.6%	45.1%
Percent Non-Volatile	67.4%	54.9%
VOC Content	**LB/Gal**	**g/L**
Total	3.05	366
Less exempt solvents	3.05	366
Of solids	5.57	667
Of solids	0.48 lb/lb	0.48 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93G111	
	By wt	**By vol**
Total Volatiles	37.5%	50.1%
VOC Content	**LB/Gal**	**g/L**
Total	3.51	421

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93G111	
	By wt	**By vol**
Total Volatiles	32.6%	45.1%
VOC Content	**LB/Gal**	**g/L**
Total	3.05	366

Volatile Organic Compounds - Mexico

	F93G111	
	LB/Gal	**g/L**
Coating Density	9.37	1122
	By wt	**By vol**
Total Volatiles	32.6%	45.1%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	32.6%	45.1%
Percent Non-Volatile	67.4%	54.9%
VOC Content	**LB/Gal**	**g/L**
Total	3.05	366
Less exempt solvents	3.05	366
Of solids	5.57	667
Of solids	0.48 lb/lb	0.48 kg/kg

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

	F93G111	
	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.