

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Jan 15, 2024

01 00 [0592]

PRODUCT NUMBER

F93Y103

PRODUCT NAME

MIL-DTL-53039F T9 Coating, Aliphatic Polyurethane, 1K, CARC, Aircraft Yellow, 33538 Q2094

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)

F93Y103 = | Acute | Chronic | Fire |

Product Weight

8.34 lb/gal

Specific Gravity

1.00

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	1	2
Methyl Isoamyl Ketone 110-12-3	N	N	N	N	33	41
n-Butyl Acetate 123-86-4	N	Y	N	N	1	1
Isooctyl Acetate 108419-32-5	N	N	N	N	1	1

Volatile Organic Compounds - U.S. EPA / Canada

	F93Y103	
	LB/Gal	g/L
Coating Density	8.34	999
	By wt	By vol
Total Volatiles	37.9%	46.5%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	37.9%	46.5%
Percent Non-Volatile	62.1%	53.5%
VOC Content	LB/Gal	g/L
Total	3.15	378
Less exempt solvents	3.15	378
Of solids	5.90	707
Of solids	0.60 lb/lb	0.60 kg/kg
	By wt	
By wt LVP-VOC	37.5%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.85**

Volatile Organic Compounds - California

	F93Y103	
	LB/Gal	g/L
Coating Density	8.34	999
	By wt	By vol
Total Volatiles	37.9%	46.5%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	37.9%	46.5%
Percent Non-Volatile	62.1%	53.5%
VOC Content	LB/Gal	g/L
Total	3.15	378
Less exempt solvents	3.15	378
Of solids	5.90	707
Of solids	0.60 lb/lb	0.60 kg/kg
	By wt	
By wt LVP-VOC	37.5%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.92**

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

	F93Y103	
	LB/Gal	g/L
Coating Density	8.34	999
	By wt	By vol
Total Volatiles	37.9%	46.5%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	37.9%	46.5%
Percent Non-Volatile	62.1%	53.5%
VOC Content	LB/Gal	g/L
Total	3.15	378
Less exempt solvents	3.15	378
Of solids	5.90	707
Of solids	0.60 lb/lb	0.60 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93Y103	
	By wt	By vol
Total Volatiles	42.1%	50.3%
VOC Content	LB/Gal	g/L
Total	3.51	420

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93Y103	
	By wt	By vol
Total Volatiles	37.9%	46.5%
VOC Content	LB/Gal	g/L
Total	3.15	378

Volatile Organic Compounds - Mexico

	F93Y103	
	LB/Gal	g/L
Coating Density	8.34	999
	By wt	By vol
Total Volatiles	37.9%	46.5%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	37.9%	46.5%
Percent Non-Volatile	62.1%	53.5%
VOC Content	LB/Gal	g/L
Total	3.15	378
Less exempt solvents	3.15	378
Of solids	5.90	707
Of solids	0.60 lb/lb	0.60 kg/kg

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

	F93Y103	
	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 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.