ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Jan 15, 2024

01 00 [1462]

PRODUCT NUMBER

F93W101

PRODUCT NAME

MIL-DTL-53039F T9 Coating, Aliphatic Polyurethane, 1K, CARC, Aircraft White 37875 Q2003

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)

F93W101 = | Acute | Chronic | Fire |

Product Weight	Specific Gravity	FLASH POINT
9.06 lb/gal	1.09	95 °F TCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Methyl Isoamyl Ketone 110-12-3	N	N	N	N	27	36
n-Butyl Acetate 123-86-4	N	Y	N	N	1	2
Isooctyl Acetate 108419-32-5	N	N	N	N	2	2

Volatile Organic Compounds - U.S. EPA / Canada

	F93W101	
	LB/Gal	**g/L**
Coating Density	9.06	1085
	By wt	**By vol**
Total Volatiles	31.6%	42.0%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	31.6%	42.0%
Percent Non-Volatile	68.4%	58.0%
VOC Content	**LB/Gal**	**g/L**
Total	2.86	343
Less exempt solvents	2.86	343
Of solids	4.94	592
Of solids	0.46 lb/lb	0.46 kg/kg
	By wt	
By wt LVP-VOC	31.2%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.76**

Volatile Organic Compounds - California

	F93W101	
	LB/Gal	g/L
Coating Density	9.06	1085
	By wt	By vol
Total Volatiles	31.6%	42.0%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	31.6%	42.0%
Percent Non-Volatile	68.4%	58.0%
VOC Content	LB/Gal	g/L
Total	2.86	343
Less exempt solvents	2.86	343
Of solids	4.94	592
Of solids	0.46 lb/lb	0.46 kg/kg
	By wt	
By wt LVP-VOC	31.2%	

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

	F93W101	
	LB/Gal	g/L
Coating Density	9.06	1085
	By wt	By vol
Total Volatiles	31.6%	42.0%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	31.6%	42.0%
Percent Non-Volatile	68.4%	58.0%
VOC Content	LB/Gal	g/L
Total	2.86	343
Less exempt solvents	2.86	343
Of solids	4.94	592
Of solids	0.46 lb/lb	0.46 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93W101	
	By wt	By vol
Total Volatiles	36.1%	46.4%
VOC Content	LB/Gal	g/L
Total	3.26	391

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93W101	
	By wt	By vol
Total Volatiles	31.6%	42.0%
VOC Content	LB/Gal	g/L
Total	2.86	343

Volatile Organic Compounds - Mexico

	F93W101	
	LB/Gal	g/L
Coating Density	9.06	1085
	By wt	By vol
Total Volatiles	31.6%	42.0%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	31.6%	42.0%
Percent Non-Volatile	68.4%	58.0%
VOC Content	LB/Gal	g/L
Total	2.86	343
Less exempt solvents	2.86	343
Of solids	4.94	592
Of solids	0.46 lb/lb	0.46 kg/kg

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

	F93W101	
	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

6.81 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.