

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Jan 25, 2024

01IXF00 [1243]

PRODUCT NUMBER

F93B112

PRODUCT NAME

MIL-DTL-53039F TYPE IX COATING, ALIPHATIC POLYURETHANE, SINGLE COMPONENT, CHEMICAL AGENT
RESISTANT, BLACK 37030 Q1890 & AIRCRAFT BLACK 37038 Q2164

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)

F93B112 = | Acute | Chronic | Fire |

Product Weight

8.21 lb/gal

Specific Gravity

0.99

FLASH POINT

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	23	29
n-Butyl Acetate 123-86-4	N	Y	N	N	9	11

Volatile Organic Compounds - U.S. EPA / Canada

	F93B112	
	LB/Gal	g/L
Coating Density	8.21	984
	By wt	By vol
Total Volatiles	35.4%	41.9%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	35.4%	41.9%
Percent Non-Volatile	64.6%	58.1%
VOC Content	LB/Gal	g/L
Total	2.90	348
Less exempt solvents	2.90	348
Of solids	4.99	598
Of solids	0.54 lb/lb	0.54 kg/kg
	By wt	
By wt LVP-VOC	34.8%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.79**

Volatile Organic Compounds - California

	F93B112	
	LB/Gal	g/L
Coating Density	8.21	984
	By wt	By vol
Total Volatiles	35.4%	41.9%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	35.4%	41.9%
Percent Non-Volatile	64.6%	58.1%
VOC Content	LB/Gal	g/L
Total	2.90	348
Less exempt solvents	2.90	348
Of solids	4.99	598
Of solids	0.54 lb/lb	0.54 kg/kg
	By wt	
By wt LVP-VOC	34.8%	

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

	F93B112	
	LB/Gal	g/L
Coating Density	8.21	984
	By wt	By vol
Total Volatiles	35.4%	41.9%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	35.4%	41.9%
Percent Non-Volatile	64.6%	58.1%
VOC Content	LB/Gal	g/L
Total	2.90	348
Less exempt solvents	2.90	348
Of solids	4.99	598
Of solids	0.54 lb/lb	0.54 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93B112	
	By wt	By vol
Total Volatiles	40.7%	46.6%
VOC Content	LB/Gal	g/L
Total	3.34	400

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93B112	
	By wt	By vol
Total Volatiles	35.4%	41.9%
VOC Content	LB/Gal	g/L
Total	2.90	348

Volatile Organic Compounds - Mexico

	F93B112	
	LB/Gal	g/L
Coating Density	8.21	984
	By wt	By vol
Total Volatiles	35.4%	41.9%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	35.4%	41.9%
Percent Non-Volatile	64.6%	58.1%
VOC Content	LB/Gal	g/L
Total	2.90	348
Less exempt solvents	2.90	348
Of solids	4.99	598
Of solids	0.54 lb/lb	0.54 kg/kg

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

	F93B112	
	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

6.94 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.