

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Mar 8, 2024

15 00 [2123]

PRODUCT NUMBER

F93N505

PRODUCT NAME

MIL-DTL-64159C Type II 2K Water Reducible Polyurethane CARC Brown 383 30051, Q1654, Q1878, Q2026, Q2081

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)

F93N505 = | Acute | Chronic |

Product Weight

9.78 lb/gal

Specific Gravity

1.18

FLASH POINT

N.A.

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
1-Methyl-2-Pyrrolidone 872-50-4	N	N	Y	N	4	5
Water 7732-18-5	N	N	N	N	51	60

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Chromium Compound	N	N	Y	Y	8	

Volatile Organic Compounds - U.S. EPA / Canada

	F93N505	
	LB/Gal	g/L
Coating Density	9.78	1171
	By wt	By vol
Total Volatiles	55.7%	65.4%
Federally exempt solvents		
Water	51.0%	59.8%
Organic Volatiles	4.7%	5.7%
Percent Non-Volatile	44.3%	34.6%
VOC Content	LB/Gal	g/L
Total	0.45	55
Less exempt solvents	1.14	136
Of solids	1.32	159
Of solids	0.10 lb/lb	0.10 kg/kg
	By wt	
By wt LVP-VOC	4.6%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) 0.19

Volatile Organic Compounds - California

	F93N505	
	LB/Gal	g/L
Coating Density	9.78	1171
	By wt	By vol
Total Volatiles	55.7%	65.4%
Exempt solvents		
Water	51.0%	59.8%
Organic Volatiles	4.7%	5.7%
Percent Non-Volatile	44.3%	34.6%
VOC Content	LB/Gal	g/L
Total	0.45	55
Less exempt solvents	1.14	136
Of solids	1.32	159
Of solids	0.10 lb/lb	0.10 kg/kg
	By wt	
By wt LVP-VOC	4.6%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.11**

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

	F93N505	
	LB/Gal	g/L
Coating Density	9.78	1171
	By wt	By vol
Total Volatiles	55.7%	65.4%
Exempt solvents		
Water	51.0%	59.8%
Organic Volatiles	4.7%	5.7%
Percent Non-Volatile	44.3%	34.6%
VOC Content	LB/Gal	g/L
Total	0.45	55
Less exempt solvents	1.14	136
Of solids	1.32	159
Of solids	0.10 lb/lb	0.10 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93N505	
	By wt	By vol
Total Volatiles	58.5%	68.6%
VOC Content	LB/Gal	g/L
Total	0.74	88

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93N505	
	By wt	By vol
Total Volatiles	55.6%	65.4%
VOC Content	LB/Gal	g/L
Total	0.45	54

Volatile Organic Compounds - Mexico

	F93N505	
	LB/Gal	g/L
Coating Density	9.78	1171
	By wt	By vol
Total Volatiles	55.7%	65.4%
Exempt solvents		
Water	51.0%	59.8%
Organic Volatiles	4.7%	5.7%
Percent Non-Volatile	44.3%	34.6%
VOC Content	LB/Gal	g/L
Total	0.45	55
Less exempt solvents	1.14	136
Of solids	1.32	159
Of solids	0.10 lb/lb	0.10 kg/kg

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

	F93N505	
	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

8.11 lb/gal

Photochemically Reactive

No

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 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.