ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Apr 19, 2024

11 00 [1402]

PRODUCT NUMBER

F93B506

PRODUCT NAME

MIL-DTL-64159C Type II 2K Water Reducible Polyurethane CARC Aircraft Black 37038 Q1680, Black 37038

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 and rely on information provided to us by our raw material suppliers. Our suppliers often provide an estimated value or range less than a certain upper limit. We calculate MAXIMUM THEORETICAL VALUES using defined values, if provided, or the upper limit reported by our supplier. Additionally, the suppliers' information may include amounts present in the product as unintentional byproducts or impurities. Variations may occur in individual batches due to adjustments made during production.

Hazard Category (for SARA 311.312)

F93B506 = | Acute | Chronic |

Product Weight	**Specific Gravity**	**FLASH POINT**
9.01 lb/gal	1.08	> 200 °F PMCC

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	4
Water 7732-18-5	N	N	N	N	57	62

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Lead (as Pb)	N	N	Y	N	0.00002	

Volatile Organic Compounds - U.S. EPA / Canada

	F93B506	
	LB/Gal	**g/L**
Coating Density	9.01	1079
	By wt	**By vol**
Total Volatiles	62.0%	67.3%
Federally exempt solvents		
Water	57.1%	62.0%
Organic Volatiles	4.8%	5.4%
Percent Non-Volatile	38.0%	32.7%
VOC Content	**LB/Gal**	**g/L**
Total	0.43	52
Less exempt solvents	1.14	137
Of solids	1.33	160
Of solids	0.12 lb/lb	0.12 kg/kg
	By wt	
By wt LVP-VOC	4.8%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.20**

Volatile Organic Compounds - California

	F93B506	
	LB/Gal	**g/L**
Coating Density	9.01	1079
	By wt	**By vol**
Total Volatiles	62.0%	67.3%
Exempt solvents		
Water	57.1%	62.0%
Organic Volatiles	4.8%	5.4%
Percent Non-Volatile	38.0%	32.7%
VOC Content	**LB/Gal**	**g/L**
Total	0.43	52
Less exempt solvents	1.14	137
Of solids	1.33	160
Of solids	0.12 lb/lb	0.12 kg/kg
	By wt	
By wt LVP-VOC	4.8%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.12**

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

	F93B506	
	LB/Gal	**g/L**
Coating Density	9.01	1079
	By wt	**By vol**
Total Volatiles	62.0%	67.3%
Exempt solvents		
Water	57.1%	62.0%
Organic Volatiles	4.8%	5.4%
Percent Non-Volatile	38.0%	32.7%
VOC Content	**LB/Gal**	**g/L**
Total	0.43	52
Less exempt solvents	1.14	137
Of solids	1.33	160
Of solids	0.12 lb/lb	0.12 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93B506	
	By wt	**By vol**
Total Volatiles	65.6%	71.1%
VOC Content	**LB/Gal**	**g/L**
Total	0.76	91

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93B506	
	By wt	**By vol**
Total Volatiles	61.9%	67.3%
VOC Content	**LB/Gal**	**g/L**
Total	0.43	51

Volatile Organic Compounds - Mexico

	F93B506	
	LB/Gal	**g/L**
Coating Density	9.01	1079
	By wt	**By vol**
Total Volatiles	62.0%	67.3%
Exempt solvents		
Water	57.1%	62.0%
Organic Volatiles	4.8%	5.4%
Percent Non-Volatile	38.0%	32.7%
VOC Content	**LB/Gal**	**g/L**
Total	0.43	52
Less exempt solvents	1.14	137
Of solids	1.33	160
Of solids	0.12 lb/lb	0.12 kg/kg

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

	F93B506	
	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

8.10 lb/gal

Photochemically Reactive

No

Waste Disposal

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.