

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Oct 13, 2017

01 00 [1720]

PRODUCT NUMBER

F93R100

PRODUCT NAME

MIL-DTL-53039E Type III Polymeric Moisture Cure Topcoat 1K Aliphatic Polyurethane 1.5 VOC CARC Aircraft Red
31136 Q1905

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.

Product Weight

9.40 lb/gal

Specific Gravity

1.13

FLASH POINT

95 °F TCC

Hazard Category (for SARA 311.312)

| Acute | Chronic | Fire |

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
p-Chlorobenzotrifluoride 98-56-6	N	N	N	N	31	26
Methyl Isoamyl Ketone 110-12-3	N	N	N	N	8	12
n-Butyl Acetate 123-86-4	N	Y	N	N	2	3

Volatile Organic Compounds - U.S. EPA

A.	Coating Density	9.40 lb/gal	1126 g/l	
B.	Total Volatiles	43.0% by wt.	42.5% by vol.	
C.	Federally exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
	p-Chlorobenzotrifluoride	31.2% by wt.	26.3% by vol.	
D.	Organic Volatiles	11.8% by wt.	16.2% by vol.	
E.	Percent Non-Volatile	57.0% by wt.	57.5% by vol.	
F.	VOC Content	1.11 lb/gal	133 g/l	total
		1.50 lb/gal	180 g/l	less exempt solvents
		1.93 lb/gal	231 g/l	of solids
		0.20 lb/lb	0.20 kg/kg	of solids
		11.8%		by wt LVP-VOC
	Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009)			
		0.31		

Volatile Organic Compounds - California

A.	Coating Density	9.40 lb/gal	1126 g/l	
B.	Total Volatiles	43.0% by wt.	42.5% by vol.	
C.	Exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
	p-Chlorobenzotrifluoride	31.2% by wt.	26.3% by vol.	
D.	Organic Volatiles	11.8% by wt.	16.2% by vol.	
E.	Percent Non-Volatile	57.0% by wt.	57.5% by vol.	
F.	VOC Content	1.11 lb/gal	133 g/l	total
		1.50 lb/gal	180 g/l	less exempt solvents
		1.93 lb/gal	231 g/l	of solids
		0.20 lb/lb	0.20 kg/kg	of solids
		11.8%		by wt LVP-VOC
Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010)				
0.31				

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

A.	Coating Density	9.40 lb/gal	1126 g/l	
B.	Total Volatiles	43.0% by wt.	42.5% by vol.	
C.	Exempt solvents:			
	Water	0.0% by wt.	0.0% by vol.	
	p-Chlorobenzotrifluoride	31.2% by wt.	26.3% by vol.	
D.	Organic Volatiles	11.8% by wt.	16.2% by vol.	
E.	Percent Non-Volatile	57.0% by wt.	57.5% by vol.	
F.	VOC Content	1.11 lb/gal	133 g/l	total
		1.50 lb/gal	180 g/l	less exempt solvents
		1.93 lb/gal	231 g/l	of solids
		0.20 lb/lb	0.20 kg/kg	of solids
		11.8%		by wt LVP-VOC

Volatile Organic Compounds - EU Directive 2010/75/EU

Total Volatiles	43.0% by wt.	42.5% by vol.
VOC Content	4.04 lb/gal	484 g/l

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

Volatile HAPS	0.00 lb/gal	0.000 kg/l
	0.00 lb/gal	0.000 kg/l of solids
	0.00 lb/lb	0.00 kg/kg of solids

Air Quality Data

Density of Organic Solvent Blend
9.52 lb/gal
Photochemically Reactive
Yes

Additional Regulatory Information

US EPA TSCA:
Not Applicable
Relevant identified uses of the substance or mixture and uses advised against:
Not Applicable

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.