

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Apr 19, 2024

20 00 [0383]

PRODUCT NUMBER

F93N111

PRODUCT NAME

MIL-DTL-53039F T9 Coating, Aliphatic Polyurethane, 1K, CARC, Brown 383 30051 Q1972

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)

F93N111 = | Acute | Chronic | Fire |

Product Weight

8.46 lb/gal

Specific Gravity

1.02

FLASH POINT

95 °F PMCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Mineral Spirits 140-Flash 64742-88-7	N	N	N	N	2	2
Methyl Isoamyl Ketone 110-12-3	N	N	N	N	28	35
n-Butyl Acetate 123-86-4	N	Y	N	N	2	2

Non-Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Isophorone Diisocyanate (max.) 4098-71-9	Y	N	Y	N	1	1

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Lead (as Pb)	N	N	Y	N	0.000002	
Chromium Compound	N	N	Y	Y	9	

Volatile Organic Compounds - U.S. EPA / Canada

	F93N111	
	LB/Gal	g/L
Coating Density	8.46	1013
	By wt	By vol
Total Volatiles	34.4%	42.8%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	34.4%	42.8%
Percent Non-Volatile	65.6%	57.2%
VOC Content	LB/Gal	g/L
Total	2.90	348
Less exempt solvents	2.90	348
Of solids	5.08	609
Of solids	0.52 lb/lb	0.52 kg/kg
	By wt	
By wt LVP-VOC	33.8%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.83**

Volatile Organic Compounds - California

	F93N111	
	LB/Gal	g/L
Coating Density	8.46	1013
	By wt	By vol
Total Volatiles	34.4%	42.8%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	34.4%	42.8%
Percent Non-Volatile	65.6%	57.2%
VOC Content	LB/Gal	g/L
Total	2.90	348
Less exempt solvents	2.90	348
Of solids	5.08	609
Of solids	0.52 lb/lb	0.52 kg/kg
	By wt	
By wt LVP-VOC	33.8%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.87**

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

	F93N111	
	LB/Gal	g/L
Coating Density	8.46	1013
	By wt	By vol
Total Volatiles	34.4%	42.8%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	34.4%	42.8%
Percent Non-Volatile	65.6%	57.2%
VOC Content	LB/Gal	g/L
Total	2.90	348
Less exempt solvents	2.90	348
Of solids	5.08	609
Of solids	0.52 lb/lb	0.52 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93N111	
	By wt	By vol
Total Volatiles	40.0%	48.0%
VOC Content	LB/Gal	g/L
Total	3.38	405

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93N111	
	By wt	By vol
Total Volatiles	34.4%	42.8%
VOC Content	LB/Gal	g/L
Total	2.90	348

Volatile Organic Compounds - Mexico

	F93N111	
	LB/Gal	g/L
Coating Density	8.46	1013
	By wt	By vol
Total Volatiles	34.4%	42.8%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	34.4%	42.8%
Percent Non-Volatile	65.6%	57.2%
VOC Content	LB/Gal	g/L
Total	2.90	348
Less exempt solvents	2.90	348
Of solids	5.08	609
Of solids	0.52 lb/lb	0.52 kg/kg

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

	F93N111	
	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**

6.79 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 and extractability to determine the applicable EPA hazardous waste numbers.

The addition of any material to this product can change the composition, hazards and risks of the product and 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.