

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Feb 28, 2024

15 00 [0243]

PRODUCT NUMBER

F93H125

PRODUCT NAME

MIL-DTL-53039F Type IX Coating, Aliphatic Polyurethane, Single Component, Chemical Agent Resistant, Earth Yellow 33245 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)

F93H125 = | Acute | Chronic | Fire |

Product Weight

8.81 lb/gal

Specific Gravity

1.06

FLASH POINT

95 °F PMCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
4-Methyl-1,3-dioxolan-2-one 108-32-7	N	N	N	N	1	< 1
Methyl Isoamyl Ketone 110-12-3	N	N	N	N	31	41
n-Butyl Acetate 123-86-4	N	Y	N	N	1	2
Isooctyl Acetate 108419-32-5	N	N	N	N	1	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
Chromium Compound	N	N	Y	Y	0.5	
Cobalt Compound	N	N	Y	Y	0.5	

Volatile Organic Compounds - U.S. EPA / Canada

	F93H125	
	LB/Gal	g/L
Coating Density	8.81	1056
	By wt	By vol
Total Volatiles	36.7%	47.2%
Federally exempt solvents		
Water	0.0%	0.0%
4-Methyl-1,3-dioxolan-2-one	1.1%	1.0%
Organic Volatiles	35.6%	46.2%
Percent Non-Volatile	63.3%	52.8%
VOC Content	LB/Gal	g/L
Total	3.13	376
Less exempt solvents	3.16	379
Of solids	5.93	711
Of solids	0.56 lb/lb	0.56 kg/kg
	By wt	
By wt LVP-VOC	35.2%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.85**

Volatile Organic Compounds - California

	F93H125	
	LB/Gal	g/L
Coating Density	8.81	1056
	By wt	By vol
Total Volatiles	36.7%	47.2%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	36.7%	47.2%
Percent Non-Volatile	63.3%	52.8%
VOC Content	LB/Gal	g/L
Total	3.23	387
Less exempt solvents	3.23	387
Of solids	6.12	733
Of solids	0.58 lb/lb	0.58 kg/kg
	By wt	
By wt LVP-VOC	35.2%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.90**

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

	F93H125	
	LB/Gal	g/L
Coating Density	8.81	1056
	By wt	By vol
Total Volatiles	36.7%	47.2%
Exempt solvents		
Water	0.0%	0.0%
4-Methyl-1,3-dioxolan-2-one	1.1%	1.0%
Organic Volatiles	35.6%	46.2%
Percent Non-Volatile	63.3%	52.8%
VOC Content	LB/Gal	g/L
Total	3.13	376
Less exempt solvents	3.16	379
Of solids	5.93	711
Of solids	0.56 lb/lb	0.56 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F93H125	
	By wt	By vol
Total Volatiles	41.1%	51.3%
VOC Content	LB/Gal	g/L
Total	3.62	433

Volatile Organic Compounds - EU Directive 2010/75/EU

	F93H125	
	By wt	By vol
Total Volatiles	35.6%	46.2%
VOC Content	LB/Gal	g/L
Total	3.13	376

Volatile Organic Compounds - Mexico

	F93H125	
	LB/Gal	g/L
Coating Density	8.81	1056
	By wt	By vol
Total Volatiles	36.7%	47.2%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	36.7%	47.2%
Percent Non-Volatile	63.3%	52.8%
VOC Content	LB/Gal	g/L
Total	3.23	387
Less exempt solvents	3.23	387
Of solids	6.12	733
Of solids	0.58 lb/lb	0.58 kg/kg

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

	F93H125	
	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**

6.86 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.

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.