

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Jul 17, 2023

22 00 [1983]

PRODUCT NUMBER

F78R27

PRODUCT NAME

Fast Dry Acrylic Enamel, Machinery Red

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY

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)

F78R27 = | Acute | Chronic | Fire |

Product Weight

7.96 lb/gal

Specific Gravity

0.96

FLASH POINT

45 °F PMCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Toluene 108-88-3	N	Y	Y	Y	15	16
Ethylbenzene 100-41-4	N	Y	Y	Y	7	8
Xylene 1330-20-7	N	Y	Y	Y	39	43

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Cobalt Compound	N	N	Y	Y	0.1	

Volatile Organic Compounds - U.S. EPA / Canada

	F78R27	
	LB/Gal	g/L
Coating Density	7.96	953
	By wt	By vol
Total Volatiles	61.9%	68.9%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	61.9%	68.9%
Percent Non-Volatile	38.1%	31.1%
VOC Content	LB/Gal	g/L
Total	4.92	590
Less exempt solvents	4.92	590
Of solids	15.84	1898
Of solids	1.62 lb/lb	1.62 kg/kg
	By wt	
By wt LVP-VOC	61.9%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **3.80**

Volatile Organic Compounds - California

	F78R27	
	LB/Gal	g/L
Coating Density	7.96	953
	By wt	By vol
Total Volatiles	61.9%	68.9%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	61.9%	68.9%
Percent Non-Volatile	38.1%	31.1%
VOC Content	LB/Gal	g/L
Total	4.92	590
Less exempt solvents	4.92	590
Of solids	15.84	1898
Of solids	1.62 lb/lb	1.62 kg/kg
	By wt	
By wt LVP-VOC	61.9%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **3.78**

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

	F78R27	
	LB/Gal	g/L
Coating Density	7.96	953
	By wt	By vol
Total Volatiles	61.9%	68.9%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	61.9%	68.9%
Percent Non-Volatile	38.1%	31.1%
VOC Content	LB/Gal	g/L
Total	4.92	590
Less exempt solvents	4.92	590
Of solids	15.84	1898
Of solids	1.62 lb/lb	1.62 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F78R27	
	By wt	By vol
Total Volatiles	61.9%	68.9%
VOC Content	LB/Gal	g/L
Total	4.92	590

Volatile Organic Compounds - EU Directive 2010/75/EU

	F78R27	
	By wt	By vol
Total Volatiles	61.9%	68.9%
VOC Content	LB/Gal	g/L
Total	4.92	590

Volatile Organic Compounds - Mexico

	F78R27	
	LB/Gal	g/L
Coating Density	7.96	953
	By wt	By vol
Total Volatiles	61.9%	68.9%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	61.9%	68.9%
Percent Non-Volatile	38.1%	31.1%
VOC Content	LB/Gal	g/L
Total	4.92	590
Less exempt solvents	4.92	590
Of solids	15.84	1898
Of solids	1.62 lb/lb	1.62 kg/kg

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

	F78R27	
	LB/Gal	kg/L
Volatile HAPS	4.81	0.577
Of solids	15.49	1.856
Of solids	1.59 lb/lb	1.59 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.15 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.