

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Apr 20, 2024

24 00 [0255]

## PRODUCT NUMBER

F78B501

## PRODUCT NAME

KEM AQUA® 280 Water Reducible Enamel, Gloss Black

## 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 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)

F78B501 = | Acute | Chronic | Fire |

## Product Weight

8.43 lb/gal

## Specific Gravity

1.01

## FLASH POINT

142 °F PMCC

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
2-Propoxyethanol 2807-30-9	N	N	Y - Glycol Ethers (SARA)	Y - Glycol Ethers (HAPS)	11	12
2-Butoxyethanol 111-76-2	N	N	Y - Glycol Ethers (SARA)	N	2	2
Triethylamine 121-44-8	N	Y	Y	Y	2	2
Water 7732-18-5	N	N	N	N	51	51

## Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Lead (as Pb)	N	N	Y	N	0.0000003	
Cobalt Compound	N	N	Y	Y	0.5	
Glycol Ethers (SARA)	N	N	Y	N	13	
Glycol Ethers (HAPS)	N	N	N	Y	11	

**Volatile Organic Compounds - U.S. EPA / Canada**

	F78B501	
	LB/Gal	g/L
Coating Density	8.43	1009
	By wt	By vol
Total Volatiles	66.5%	69.7%
Federally exempt solvents		
Water	50.6%	51.3%
Non-Organic Volatiles		
Ammonium Hydroxide	0.1%	0.2%
Organic Volatiles	15.8%	18.2%
Percent Non-Volatile	33.5%	30.3%
VOC Content	LB/Gal	g/L
Total	1.32	159
Less exempt solvents	2.73	327
Of solids	4.38	525
Of solids	0.47 lb/lb	0.47 kg/kg
	By wt	
By wt LVP-VOC	15.8%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.82**

**Volatile Organic Compounds - California**

	F78B501	
	LB/Gal	g/L
Coating Density	8.43	1009
	By wt	By vol
Total Volatiles	66.5%	69.7%
Exempt solvents		
Water	50.6%	51.3%
Non-Organic Volatiles		
Ammonium Hydroxide	0.1%	0.2%
Organic Volatiles	15.8%	18.2%
Percent Non-Volatile	33.5%	30.3%
VOC Content	LB/Gal	g/L
Total	1.32	159
Less exempt solvents	2.73	327
Of solids	4.38	525
Of solids	0.47 lb/lb	0.47 kg/kg
	By wt	
By wt LVP-VOC	15.8%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.48**

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

	F78B501	
	LB/Gal	g/L
Coating Density	8.43	1009
	By wt	By vol
Total Volatiles	66.5%	69.7%
Exempt solvents		
Water	50.6%	51.3%
Non-Organic Volatiles		
Ammonium Hydroxide	0.1%	0.2%
Organic Volatiles	15.8%	18.2%
Percent Non-Volatile	33.5%	30.3%
VOC Content	LB/Gal	g/L
Total	1.32	159
Less exempt solvents	2.73	327
Of solids	4.38	525
Of solids	0.47 lb/lb	0.47 kg/kg

**Volatile Organic Compounds - EU Directive 2004/42/EC**

	F78B501	
	By wt	By vol
Total Volatiles	66.5%	69.7%
VOC Content	LB/Gal	g/L
Total	1.33	159

**Volatile Organic Compounds - EU Directive 2010/75/EU**

	F78B501	
	By wt	By vol
Total Volatiles	66.5%	69.7%
VOC Content	LB/Gal	g/L
Total	1.33	159

**Volatile Organic Compounds - Mexico**

	F78B501	
	LB/Gal	g/L
Coating Density	8.43	1009
	By wt	By vol
Total Volatiles	66.5%	69.7%
Exempt solvents		
Water	50.6%	51.3%
Non-Organic Volatiles		
Ammonium Hydroxide	0.1%	0.2%
Organic Volatiles	15.8%	18.2%
Percent Non-Volatile	33.5%	30.3%
VOC Content	LB/Gal	g/L
Total	1.33	159
Less exempt solvents	2.73	327
Of solids	4.38	525
Of solids	0.47 lb/lb	0.47 kg/kg

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

	F78B501	
	LB/Gal	kg/L
Volatile HAPS	1.04	0.125
Of solids	3.44	0.412
Of solids	0.37 lb/lb	0.37 kg/kg

**Air Quality Data****Density of Organic Solvent Blend**

7.30 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.

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.