

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Apr 19, 2024

16 00 [0255]

## PRODUCT NUMBER

F78S513

## PRODUCT NAME

KEM AQUA® 280 Water Reducible Enamel, Silver

## 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)

F78S513 = | Acute | Chronic | Fire |

## Product Weight

8.49 lb/gal

## Specific Gravity

1.02

## FLASH POINT

142 °F PMCC

## Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
2-Propanol 67-63-0	N	N	N	N	2	2
2-Propoxyethanol 2807-30-9	N	N	Y - Glycol Ethers (SARA)	Y - Glycol Ethers (HAPS)	10	12
2-Butoxyethanol 111-76-2	N	N	Y - Glycol Ethers (SARA)	N	2	2
Triethylamine 121-44-8	N	Y	Y	Y	1	2
Water 7732-18-5	N	N	N	N	49	50

## Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Mercury (as Hg)	N	N	Y	N	0.0000001	
Lead (as Pb)	N	N	Y	N	0.00005	
Cobalt Compound	N	N	Y	Y	0.5	
Glycol Ethers (SARA)	N	N	Y	N	13	
Glycol Ethers (HAPS)	N	N	N	Y	10	

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

	F78S513	
	LB/Gal	g/L
Coating Density	8.49	1016
	By wt	By vol
Total Volatiles	65.9%	69.7%
Federally exempt solvents		
Water	49.0%	50.0%
Non-Organic Volatiles		
Ammonium Hydroxide	0.2%	0.3%
Organic Volatiles	16.7%	19.5%
Percent Non-Volatile	34.1%	30.3%
VOC Content	LB/Gal	g/L
Total	1.41	169
Less exempt solvents	2.83	339
Of solids	4.67	560
Of solids	0.48 lb/lb	0.48 kg/kg
	By wt	
By wt LVP-VOC	16.7%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.73**

**Volatile Organic Compounds - California**

	F78S513	
	LB/Gal	g/L
Coating Density	8.49	1016
	By wt	By vol
Total Volatiles	65.9%	69.7%
Exempt solvents		
Water	49.0%	50.0%
Non-Organic Volatiles		
Ammonium Hydroxide	0.2%	0.3%
Organic Volatiles	16.7%	19.5%
Percent Non-Volatile	34.1%	30.3%
VOC Content	LB/Gal	g/L
Total	1.41	169
Less exempt solvents	2.83	339
Of solids	4.67	560
Of solids	0.48 lb/lb	0.48 kg/kg
	By wt	
By wt LVP-VOC	16.7%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.47**

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

	F78S513	
	LB/Gal	g/L
Coating Density	8.49	1016
	By wt	By vol
Total Volatiles	65.9%	69.7%
Exempt solvents		
Water	49.0%	50.0%
Non-Organic Volatiles		
Ammonium Hydroxide	0.2%	0.3%
Organic Volatiles	16.7%	19.5%
Percent Non-Volatile	34.1%	30.3%
VOC Content	LB/Gal	g/L
Total	1.41	169
Less exempt solvents	2.83	339
Of solids	4.67	560
Of solids	0.48 lb/lb	0.48 kg/kg

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

	F78S513	
	By wt	By vol
Total Volatiles	65.9%	69.7%
VOC Content	LB/Gal	g/L
Total	1.41	169

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

	F78S513	
	By wt	By vol
Total Volatiles	65.9%	69.7%
VOC Content	LB/Gal	g/L
Total	1.41	169

**Volatile Organic Compounds - Mexico**

	F78S513	
	LB/Gal	g/L
Coating Density	8.49	1016
	By wt	By vol
Total Volatiles	65.9%	69.7%
Exempt solvents		
Water	49.0%	50.0%
Non-Organic Volatiles		
Ammonium Hydroxide	0.2%	0.3%
Organic Volatiles	16.7%	19.5%
Percent Non-Volatile	34.1%	30.3%
VOC Content	LB/Gal	g/L
Total	1.41	169
Less exempt solvents	2.83	339
Of solids	4.68	560
Of solids	0.48 lb/lb	0.48 kg/kg

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

	F78S513	
	LB/Gal	kg/L
Volatile HAPS	0.98	0.117
Of solids	3.24	0.388
Of solids	0.33 lb/lb	0.33 kg/kg

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

7.27 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.