

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation

Apr 19, 2024

16 00 [0542]

PRODUCT NUMBER

F83B490

PRODUCT NAME

KEM AQUA® 1400 Water Reducible Baking 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)

F83B490 = | Acute | Chronic |

Product Weight

8.64 lb/gal

Specific Gravity

1.04

FLASH POINT

N.A.

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
2-Butoxyethanol 111-76-2	N	N	Y - Glycol Ethers (SARA)	N	10	12
Methyl Isobutyl Ketone 108-10-1	N	Y	Y	Y	0.2	0.3
Dimethylethanol Amine 108-01-0	N	N	N	N	2	2
Water 7732-18-5	N	N	N	N	49	51

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Lead (as Pb)	N	N	Y	N	0.000006	
Glycol Ethers (SARA)	N	N	Y	N	10	

Volatile Organic Compounds - U.S. EPA / Canada

	F83B490	
	LB/Gal	g/L
Coating Density	8.64	1035
	By wt	By vol
Total Volatiles	62.0%	66.0%
Federally exempt solvents		
Water	49.2%	51.2%
Organic Volatiles	12.8%	14.8%
Percent Non-Volatile	38.0%	34.0%
VOC Content	LB/Gal	g/L
Total	1.10	132
Less exempt solvents	2.26	270
Of solids	3.24	388
Of solids	0.33 lb/lb	0.33 kg/kg
	By wt	
By wt LVP-VOC	12.8%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.40**

Volatile Organic Compounds - California

	F83B490	
	LB/Gal	g/L
Coating Density	8.64	1035
	By wt	By vol
Total Volatiles	62.0%	66.0%
Exempt solvents		
Water	49.2%	51.2%
Organic Volatiles	12.8%	14.8%
Percent Non-Volatile	38.0%	34.0%
VOC Content	LB/Gal	g/L
Total	1.10	132
Less exempt solvents	2.26	270
Of solids	3.24	388
Of solids	0.33 lb/lb	0.33 kg/kg
	By wt	
By wt LVP-VOC	12.8%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.41**

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

	F83B490	
	LB/Gal	g/L
Coating Density	8.64	1035
	By wt	By vol
Total Volatiles	62.0%	66.0%
Exempt solvents		
Water	49.2%	51.2%
Organic Volatiles	12.8%	14.8%
Percent Non-Volatile	38.0%	34.0%
VOC Content	LB/Gal	g/L
Total	1.10	132
Less exempt solvents	2.26	270
Of solids	3.24	388
Of solids	0.33 lb/lb	0.33 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	F83B490	
	By wt	By vol
Total Volatiles	62.0%	66.0%
VOC Content	LB/Gal	g/L
Total	1.10	132

Volatile Organic Compounds - EU Directive 2010/75/EU

	F83B490	
	By wt	By vol
Total Volatiles	62.0%	66.0%
VOC Content	LB/Gal	g/L
Total	1.10	132

Volatile Organic Compounds - Mexico

	F83B490	
	LB/Gal	g/L
Coating Density	8.64	1035
	By wt	By vol
Total Volatiles	62.0%	66.0%
Exempt solvents		
Water	49.2%	51.2%
Organic Volatiles	12.8%	14.8%
Percent Non-Volatile	38.0%	34.0%
VOC Content	LB/Gal	g/L
Total	1.10	132
Less exempt solvents	2.26	270
Of solids	3.24	388
Of solids	0.33 lb/lb	0.33 kg/kg

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

	F83B490	
	LB/Gal	kg/L
Volatile HAPS	0.02	0.002
Of solids	0.05	0.007
Of solids	0.00 lb/lb	0.00 kg/kg

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

7.47 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.