

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Apr 20, 2024

15 00 [1501]

PRODUCT NUMBER

E61R402

PRODUCT NAME

KEM® 400 Primer, Red Oxide

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)

E61R402 = | Acute | Chronic | Fire |

Product Weight

8.05 lb/gal

Specific Gravity

0.97

FLASH POINT

53 °F PMCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Lt. Aliphatic Hydrocarbon Solvent 64742-89-8	N	N	N	N	26	34
Ethylbenzene 100-41-4	N	Y	Y	Y	5	5
Xylene 1330-20-7	N	Y	Y	Y	27	30
Light Aromatic Hydrocarbons 64742-95-6	N	N	N	N	2	2
Cumene 98-82-8	N	Y	Y	Y	0.2	0.2
Trimethylbenzene 25551-13-7	N	N	N	N	1	1

Regulated Compounds

	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Mercury (as Hg)	N	N	Y	N	0.0000009	
Lead (as Pb)	N	N	Y	N	0.00002	
Cobalt Compound	N	N	Y	Y	0.2	

Volatile Organic Compounds - U.S. EPA / Canada

	E61R402	
	LB/Gal	g/L
Coating Density	8.05	964
	By wt	By vol
Total Volatiles	63.3%	75.2%
Federally exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	63.3%	75.2%
Percent Non-Volatile	36.7%	24.8%
VOC Content	LB/Gal	g/L
Total	5.09	610
Less exempt solvents	5.09	610
Of solids	20.55	2463
Of solids	1.72 lb/lb	1.72 kg/kg
	By wt	
By wt LVP-VOC	63.3%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **2.89**

Volatile Organic Compounds - California

	E61R402	
	LB/Gal	g/L
Coating Density	8.05	964
	By wt	By vol
Total Volatiles	63.3%	75.2%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	63.3%	75.2%
Percent Non-Volatile	36.7%	24.8%
VOC Content	LB/Gal	g/L
Total	5.09	610
Less exempt solvents	5.09	610
Of solids	20.55	2463
Of solids	1.72 lb/lb	1.72 kg/kg
	By wt	
By wt LVP-VOC	63.3%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **2.87**

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

	E61R402	
	LB/Gal	g/L
Coating Density	8.05	964
	By wt	By vol
Total Volatiles	63.3%	75.2%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	63.3%	75.2%
Percent Non-Volatile	36.7%	24.8%
VOC Content	LB/Gal	g/L
Total	5.09	610
Less exempt solvents	5.09	610
Of solids	20.55	2463
Of solids	1.72 lb/lb	1.72 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	E61R402	
	By wt	By vol
Total Volatiles	63.3%	75.2%
VOC Content	LB/Gal	g/L
Total	5.09	610

Volatile Organic Compounds - EU Directive 2010/75/EU

	E61R402	
	By wt	By vol
Total Volatiles	63.3%	75.2%
VOC Content	LB/Gal	g/L
Total	5.09	610

Volatile Organic Compounds - Mexico

	E61R402	
	LB/Gal	g/L
Coating Density	8.05	964
	By wt	By vol
Total Volatiles	63.3%	75.2%
Exempt solvents		
Water	0.0%	0.0%
Organic Volatiles	63.3%	75.2%
Percent Non-Volatile	36.7%	24.8%
VOC Content	LB/Gal	g/L
Total	5.09	610
Less exempt solvents	5.09	610
Of solids	20.55	2463
Of solids	1.72 lb/lb	1.72 kg/kg

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

	E61R402	
	LB/Gal	kg/L
Volatile HAPS	2.58	0.309
Of solids	10.43	1.250
Of solids	0.87 lb/lb	0.87 kg/kg

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

6.77 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 to determine the applicable EPA hazardous waste numbers.

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.