

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Oct 19, 2023

04 00 [2083]

PRODUCT NUMBER

TR4027A00

PRODUCT NAME

Polyurethane Barrier Basecoat for Resinous Woods

MANUFACTURER'S NAME

SAYERLACK, A BRAND OF SHERWIN-WILLIAMS

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)

TR4027A00 = | Acute | Chronic | Fire |

Product Weight

8.45 lb/gal

Specific Gravity

1.02

FLASH POINT

48 °F PMCC

AS MIXED (as per product data sheet): SAYUS-TR4027/00

AS MIXED

Product Weight

7.81 lb/gal

Specific Gravity

0.94

FLASH POINT

44 °F TCC

Volatile Ingredients

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Ethyl Acetate 141-78-6	N	Y	N	N	20	21
n-Butyl Acetate 123-86-4	N	Y	N	N	25	29
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	25	26

Volatile Ingredients AS MIXED

Chemical / Compound	SARA 302 EHS	CERCLA	SARA 313 TC	HAPS 112	% by Weight	% by Volume
Methyl Ethyl Ketone 78-93-3	N	Y	N	N	3	4
Ethyl Acetate 141-78-6	N	Y	N	N	9	9
n-Butyl Acetate 123-86-4	N	Y	N	N	62	65
1-Methoxy-2-Propanol Acetate 108-65-6	N	N	N	N	11	11

Volatile Organic Compounds - U.S. EPA / Canada

	TR4027A00		AS MIXED SAYUS-TR4027/00	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.45	1012	7.81	935
	By wt	By vol	By wt	By vol
Total Volatiles	70.0%	76.0%	85.5%	89.3%
Federally exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	70.0%	76.0%	85.5%	89.3%
Percent Non-Volatile	30.0%	24.0%	14.5%	10.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	5.91	708	6.67	800
Less exempt solvents	5.91	708	6.67	800
Of solids	24.61	2949	62.58	7499
Of solids	2.33 lb/lb	2.33 kg/kg	5.91 lb/lb	5.91 kg/kg
	By wt		By wt	
By wt LVP-VOC	70.0%		85.5%	

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.77**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.85**

Volatile Organic Compounds - California

	TR4027A00		AS MIXED SAYUS-TR4027/00	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.45	1012	7.81	935
	By wt	By vol	By wt	By vol
Total Volatiles	70.0%	76.0%	85.5%	89.3%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	70.0%	76.0%	85.5%	89.3%
Percent Non-Volatile	30.0%	24.0%	14.5%	10.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	5.91	708	6.67	800
Less exempt solvents	5.91	708	6.67	800
Of solids	24.61	2949	62.58	7499
Of solids	2.33 lb/lb	2.33 kg/kg	5.91 lb/lb	5.91 kg/kg
	By wt		By wt	
By wt LVP-VOC	70.0%		85.5%	

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.75**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.81**

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

	TR4027A00		AS MIXED SAYUS-TR4027/00	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.45	1012	7.81	935
	By wt	By vol	By wt	By vol
Total Volatiles	70.0%	76.0%	85.5%	89.3%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	70.0%	76.0%	85.5%	89.3%
Percent Non-Volatile	30.0%	24.0%	14.5%	10.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	5.91	708	6.67	800
Less exempt solvents	5.91	708	6.67	800
Of solids	24.61	2949	62.58	7499
Of solids	2.33 lb/lb	2.33 kg/kg	5.91 lb/lb	5.91 kg/kg

Volatile Organic Compounds - EU Directive 2004/42/EC

	TR4027A00		AS MIXED SAYUS-TR4027/00	
	By wt	By vol	By wt	By vol
Total Volatiles	70.0%	76.0%	85.6%	89.4%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	5.91	708	6.68	800

Volatile Organic Compounds - EU Directive 2010/75/EU

	TR4027A00		AS MIXED SAYUS-TR4027/00	
	By wt	By vol	By wt	By vol
Total Volatiles	70.0%	76.0%	85.5%	89.3%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	5.91	708	6.67	800

Volatile Organic Compounds - Mexico

	TR4027A00		AS MIXED SAYUS-TR4027/00	
	LB/Gal	g/L	LB/Gal	g/L
Coating Density	8.45	1012	7.81	935
	By wt	By vol	By wt	By vol
Total Volatiles	70.0%	76.0%	85.5%	89.3%
Exempt solvents				
Water	0.0%	0.0%	0.0%	0.0%
Organic Volatiles	70.0%	76.0%	85.5%	89.3%
Percent Non-Volatile	30.0%	24.0%	14.5%	10.7%
VOC Content	LB/Gal	g/L	LB/Gal	g/L
Total	5.91	708	6.67	800
Less exempt solvents	5.91	708	6.67	800
Of solids	24.61	2949	62.58	7499
Of solids	2.33 lb/lb	2.33 kg/kg	5.91 lb/lb	5.91 kg/kg

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

	TR4027A00		AS MIXED SAYUS-TR4027/00	
	LB/Gal	kg/L	LB/Gal	kg/L
Volatile HAPS	0.00	0.000	0.00	0.000
Of solids	0.00	0.000	0.00	0.000
Of solids	0.00 lb/lb	0.00 kg/kg	0.00 lb/lb	0.00 kg/kg

Air Quality Data

Density of Organic Solvent Blend

7.78 lb/gal

Photochemically Reactive

No

Density of Organic Solvent Blend AS MIXED

7.47 lb/gal

Photochemically Reactive AS MIXED

No

Additional Regulatory Information

US EPA TSCA:

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against:

Not Applicable

US EPA TSCA: AS MIXED

Not Applicable

Relevant identified uses of the substance or mixture and uses advised against: AS MIXED

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.