

ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation
Apr 20, 2024

09 00 [1731]

PRODUCT NUMBER

B70R8100

PRODUCT NAME

ARMORSEAL® 8100 Epoxy - Gloss (Part A), Tile Red

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)

B70R8100 = | Acute | Chronic |

Product Weight

9.98 lb/gal

Specific Gravity

1.20

FLASH POINT

> 200 °F PMCC

AS MIXED (as per product data sheet): catalyzed 4 parts B70R08100 to 1 part B73V300

AS MIXED

Product Weight

9.72 lb/gal

Specific Gravity

1.17

FLASH POINT

N.A.

Volatile Ingredients

| Chemical / Compound | SARA 302 EHS | CERCLA | SARA 313 TC | HAPS 112 | % by Weight | % by Volume |
|---------------------|--------------|--------|-------------|----------|-------------|-------------|
| Water 7732-18-5 | N | N | N | N | 48 | 58 |

Regulated Compounds

| | SARA 302 EHS | CERCLA | SARA 313 TC | HAPS 112 | % by Weight | % by Volume |
|-----------------|--------------|--------|-------------|----------|-------------|-------------|
| Mercury (as Hg) | N | N | Y | N | 0.000006 | |
| Lead (as Pb) | N | N | Y | N | 0.0003 | |

Volatile Ingredients AS MIXED

| Chemical / Compound | SARA 302 EHS | CERCLA | SARA 313 TC | HAPS 112 | % by Weight | % by Volume |
|---------------------|--------------|--------|-------------|----------|-------------|-------------|
| Water 7732-18-5 | N | N | N | N | 51 | 60 |

Regulated Compounds AS MIXED

| | SARA 302 EHS | CERCLA | SARA 313 TC | HAPS 112 | % by Weight | % by Volume |
|-----------------|--------------|--------|-------------|----------|-------------|-------------|
| Mercury (as Hg) | N | N | Y | N | 0.000005 | |
| Lead (as Pb) | N | N | Y | N | 0.0002 | |

Volatile Organic Compounds - U.S. EPA / Canada

| | B70R8100 | | AS MIXED catalyzed 4 parts B70R08100 to 1 part B73V300 | |
|---------------------------|------------|------------|---|------------|
| | LB/Gal | g/L | LB/Gal | g/L |
| Coating Density | 9.98 | 1195 | 9.72 | 1164 |
| | By wt | By vol | By wt | By vol |
| Total Volatiles | 48.1% | 58.2% | 51.4% | 60.5% |
| Federally exempt solvents | | | | |
| Water | 48.1% | 58.2% | 51.4% | 60.5% |
| Organic Volatiles | 0.0% | 0.0% | 0.0% | 0.0% |
| Percent Non-Volatile | 51.9% | 41.8% | 48.6% | 39.5% |
| VOC Content | LB/Gal | g/L | LB/Gal | g/L |
| Total | 0.00 | 0 | 0.00 | 0 |
| Less exempt solvents | 0.00 | 0 | 0.00 | 0 |
| Of solids | 0.00 | 0 | 0.00 | 0 |
| Of solids | 0.00 lb/lb | 0.00 kg/kg | 0.00 lb/lb | 0.00 kg/kg |
| | By wt | | By wt | |
| By wt LVP-VOC | 0.0% | | 0.0% | |

Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.00**

AS MIXED Maximum Incremental Reactivity (MIR) (per US EPA Aerosol Ctg Rule, MIR Values 2009) **0.00**

Volatile Organic Compounds - California

| | B70R8100 | | AS MIXED catalyzed 4 parts B70R08100 to 1 part B73V300 | |
|----------------------|------------|------------|---|------------|
| | LB/Gal | g/L | LB/Gal | g/L |
| Coating Density | 9.98 | 1195 | 9.72 | 1164 |
| | By wt | By vol | By wt | By vol |
| Total Volatiles | 48.1% | 58.2% | 51.4% | 60.5% |
| Exempt solvents | | | | |
| Water | 48.1% | 58.2% | 51.4% | 60.5% |
| Organic Volatiles | 0.0% | 0.0% | 0.0% | 0.0% |
| Percent Non-Volatile | 51.9% | 41.8% | 48.6% | 39.5% |
| VOC Content | LB/Gal | g/L | LB/Gal | g/L |
| Total | 0.00 | 0 | 0.00 | 0 |
| Less exempt solvents | 0.00 | 0 | 0.00 | 0 |
| Of solids | 0.00 | 0 | 0.00 | 0 |
| Of solids | 0.00 lb/lb | 0.00 kg/kg | 0.00 lb/lb | 0.00 kg/kg |
| | By wt | | By wt | |
| By wt LVP-VOC | 0.0% | | 0.0% | |

Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

AS MIXED Maximum Incremental Reactivity (MIR) (per California Air Resources Board Aerosol Products Regulation, MIR Values 2010) **0.00**

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

| | B70R8100 | | AS MIXED catalyzed 4 parts B70R08100 to 1 part B73V300 | |
|----------------------|------------|------------|---|------------|
| | LB/Gal | g/L | LB/Gal | g/L |
| Coating Density | 9.98 | 1195 | 9.72 | 1164 |
| | By wt | By vol | By wt | By vol |
| Total Volatiles | 48.1% | 58.2% | 51.4% | 60.5% |
| Exempt solvents | | | | |
| Water | 48.1% | 58.2% | 51.4% | 60.5% |
| Organic Volatiles | 0.0% | 0.0% | 0.0% | 0.0% |
| Percent Non-Volatile | 51.9% | 41.8% | 48.6% | 39.5% |
| VOC Content | LB/Gal | g/L | LB/Gal | g/L |
| Total | 0.00 | 0 | 0.00 | 0 |
| Less exempt solvents | 0.00 | 0 | 0.00 | 0 |
| Of solids | 0.00 | 0 | 0.00 | 0 |
| Of solids | 0.00 lb/lb | 0.00 kg/kg | 0.00 lb/lb | 0.00 kg/kg |

Volatile Organic Compounds - EU Directive 2004/42/EC

| | B70R8100 | | AS MIXED catalyzed 4 parts B70R08100 to 1 part B73V300 | |
|-----------------|----------|--------|---|--------|
| | By wt | By vol | By wt | By vol |
| Total Volatiles | 48.1% | 58.2% | 51.6% | 60.8% |
| VOC Content | LB/Gal | g/L | LB/Gal | g/L |
| Total | 0.00 | 0 | 0.02 | 2 |

Volatile Organic Compounds - EU Directive 2010/75/EU

| | B70R8100 | | AS MIXED catalyzed 4 parts B70R08100 to 1 part B73V300 | |
|-----------------|----------|--------|---|--------|
| | By wt | By vol | By wt | By vol |
| Total Volatiles | 48.1% | 58.2% | 51.4% | 60.5% |
| VOC Content | LB/Gal | g/L | LB/Gal | g/L |
| Total | 0.00 | 0 | 0.00 | 0 |

Volatile Organic Compounds - Mexico

| | B70R8100 | | AS MIXED catalyzed 4 parts B70R08100 to 1 part B73V300 | |
|----------------------|------------|------------|---|------------|
| | LB/Gal | g/L | LB/Gal | g/L |
| Coating Density | 9.98 | 1195 | 9.72 | 1164 |
| | By wt | By vol | By wt | By vol |
| Total Volatiles | 48.1% | 58.2% | 51.4% | 60.5% |
| Exempt solvents | | | | |
| Water | 48.1% | 58.2% | 51.4% | 60.5% |
| Organic Volatiles | 0.0% | 0.0% | 0.0% | 0.0% |
| Percent Non-Volatile | 51.9% | 41.8% | 48.6% | 39.5% |
| VOC Content | LB/Gal | g/L | LB/Gal | g/L |
| Total | 0.00 | 0 | 0.00 | 0 |
| Less exempt solvents | 0.00 | 0 | 0.00 | 0 |
| Of solids | 0.00 | 0 | 0.00 | 0 |
| Of solids | 0.00 lb/lb | 0.00 kg/kg | 0.00 lb/lb | 0.00 kg/kg |

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

| | B70R8100 | | AS MIXED catalyzed 4 parts B70R08100 to 1 part B73V300 | |
|---------------|------------|------------|---|------------|
| | 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

8.00 lb/gal

Photochemically Reactive

No

Density of Organic Solvent Blend AS MIXED

7.89 lb/gal

Photochemically Reactive AS MIXED

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.