

# ENVIRONMENTAL DATA SHEET

(Certified Product Data Sheet)

Date of Preparation  
Feb 6, 2024

17 00 [0850]

## PRODUCT NUMBER

GP3589A01

## PRODUCT NAME

Resufloor™ 3589 Smooth Epoxy Floor Coating (Part A), Clear

## 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. Variations may occur on individual batches due to adjustments made during production.

## Hazard Category (for SARA 311.312)

GP3589A01 = | Acute | Chronic |

## Product Weight

9.40 lb/gal

## Specific Gravity

1.13

## FLASH POINT

> 200 °F PMCC

AS MIXED (as per product data sheet): Catalyzed GP3589A01 4:1 with GP3589B01, no reducer

## AS MIXED

## Product Weight

9.17 lb/gal

## Specific Gravity

1.10

## FLASH POINT

> 200 °F PMCC

## Volatile Ingredients

Not Applicable

## Volatile Ingredients AS MIXED

| Chemical / Compound            | SARA 302 EHS | CERCLA | SARA 313 TC | HAPS 112 | % by Weight | % by Volume |
|--------------------------------|--------------|--------|-------------|----------|-------------|-------------|
| Diethylenetriamine<br>111-40-0 | N            | N      | N           | N        | 3           | 3           |

## Non-Volatile Ingredients AS MIXED

| Chemical / Compound                    | SARA 302 EHS | CERCLA | SARA 313 TC | HAPS 112 | % by Weight | % by Volume |
|----------------------------------------|--------------|--------|-------------|----------|-------------|-------------|
| 4,4'-Isopropylidenediphenol<br>80-05-7 | N            | N      | Y           | N        | 2           | 1           |

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

|                           | GP3589A01  |            | AS MIXED<br>Catalyzed GP3589A01 4:1 with GP3589B01, no reducer |            |
|---------------------------|------------|------------|----------------------------------------------------------------|------------|
|                           | LB/Gal     | g/L        | LB/Gal                                                         | g/L        |
| Coating Density           | 9.40       | 1126       | 9.17                                                           | 1098       |
|                           | By wt      | By vol     | By wt                                                          | By vol     |
| Total Volatiles           | 0.3%       | 0.4%       | 2.9%                                                           | 3.4%       |
| Federally exempt solvents |            |            |                                                                |            |
| Water                     | 0.0%       | 0.0%       | 0.0%                                                           | 0.0%       |
| Organic Volatiles         | 0.3%       | 0.4%       | 2.9%                                                           | 3.4%       |
| Percent Non-Volatile      | 99.7%      | 99.6%      | 97.1%                                                          | 96.6%      |
| VOC Content               | LB/Gal     | g/L        | LB/Gal                                                         | g/L        |
| Total                     | 0.02       | 2          | 0.26                                                           | 31         |
| Less exempt solvents      | 0.02       | 2          | 0.26                                                           | 31         |
| Of solids                 | 0.02       | 2          | 0.27                                                           | 33         |
| Of solids                 | 0.00 lb/lb | 0.00 kg/kg | 0.02 lb/lb                                                     | 0.02 kg/kg |
|                           | By wt      |            | By wt                                                          |            |
| By wt LVP-VOC             | 0.3%       |            | 2.9%                                                           |            |

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) **0.35**

**Volatile Organic Compounds - California**

|                      | GP3589A01  |            | AS MIXED<br>Catalyzed GP3589A01 4:1 with GP3589B01, no reducer |            |
|----------------------|------------|------------|----------------------------------------------------------------|------------|
|                      | LB/Gal     | g/L        | LB/Gal                                                         | g/L        |
| Coating Density      | 9.40       | 1126       | 9.17                                                           | 1098       |
|                      | By wt      | By vol     | By wt                                                          | By vol     |
| Total Volatiles      | 0.3%       | 0.4%       | 2.9%                                                           | 3.4%       |
| Exempt solvents      |            |            |                                                                |            |
| Water                | 0.0%       | 0.0%       | 0.0%                                                           | 0.0%       |
| Organic Volatiles    | 0.3%       | 0.4%       | 2.9%                                                           | 3.4%       |
| Percent Non-Volatile | 99.7%      | 99.6%      | 97.1%                                                          | 96.6%      |
| VOC Content          | LB/Gal     | g/L        | LB/Gal                                                         | g/L        |
| Total                | 0.02       | 2          | 0.26                                                           | 31         |
| Less exempt solvents | 0.02       | 2          | 0.26                                                           | 31         |
| Of solids            | 0.02       | 2          | 0.27                                                           | 33         |
| Of solids            | 0.00 lb/lb | 0.00 kg/kg | 0.02 lb/lb                                                     | 0.02 kg/kg |
|                      | By wt      |            | By wt                                                          |            |
| By wt LVP-VOC        | 0.3%       |            | 2.9%                                                           |            |

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) **0.42**

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

|                      | GP3589A01  |            | AS MIXED<br>Catalyzed GP3589A01 4:1 with GP3589B01, no reducer |            |
|----------------------|------------|------------|----------------------------------------------------------------|------------|
|                      | LB/Gal     | g/L        | LB/Gal                                                         | g/L        |
| Coating Density      | 9.40       | 1126       | 9.17                                                           | 1098       |
|                      | By wt      | By vol     | By wt                                                          | By vol     |
| Total Volatiles      | 0.3%       | 0.4%       | 2.9%                                                           | 3.4%       |
| Exempt solvents      |            |            |                                                                |            |
| Water                | 0.0%       | 0.0%       | 0.0%                                                           | 0.0%       |
| Organic Volatiles    | 0.3%       | 0.4%       | 2.9%                                                           | 3.4%       |
| Percent Non-Volatile | 99.7%      | 99.6%      | 97.1%                                                          | 96.6%      |
| VOC Content          | LB/Gal     | g/L        | LB/Gal                                                         | g/L        |
| Total                | 0.02       | 2          | 0.26                                                           | 31         |
| Less exempt solvents | 0.02       | 2          | 0.26                                                           | 31         |
| Of solids            | 0.02       | 2          | 0.27                                                           | 33         |
| Of solids            | 0.00 lb/lb | 0.00 kg/kg | 0.02 lb/lb                                                     | 0.02 kg/kg |

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

|                 | GP3589A01 |        | AS MIXED<br>Catalyzed GP3589A01 4:1 with GP3589B01, no reducer |        |
|-----------------|-----------|--------|----------------------------------------------------------------|--------|
|                 | By wt     | By vol | By wt                                                          | By vol |
| Total Volatiles | 0.7%      | 0.9%   | 14.0%                                                          | 16.4%  |
| VOC Content     | LB/Gal    | g/L    | LB/Gal                                                         | g/L    |
| Total           | 0.06      | 7      | 1.28                                                           | 154    |

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

|                 | GP3589A01 |        | AS MIXED<br>Catalyzed GP3589A01 4:1 with GP3589B01, no reducer |        |
|-----------------|-----------|--------|----------------------------------------------------------------|--------|
|                 | By wt     | By vol | By wt                                                          | By vol |
| Total Volatiles | 0.3%      | 0.4%   | 2.9%                                                           | 3.4%   |
| VOC Content     | LB/Gal    | g/L    | LB/Gal                                                         | g/L    |
| Total           | 0.02      | 2      | 0.26                                                           | 31     |

**Volatile Organic Compounds - Mexico**

|                      | GP3589A01  |            | AS MIXED<br>Catalyzed GP3589A01 4:1 with GP3589B01, no reducer |            |
|----------------------|------------|------------|----------------------------------------------------------------|------------|
|                      | LB/Gal     | g/L        | LB/Gal                                                         | g/L        |
| Coating Density      | 9.40       | 1126       | 9.17                                                           | 1098       |
|                      | By wt      | By vol     | By wt                                                          | By vol     |
| Total Volatiles      | 0.3%       | 0.4%       | 2.9%                                                           | 3.4%       |
| Exempt solvents      |            |            |                                                                |            |
| Water                | 0.0%       | 0.0%       | 0.0%                                                           | 0.0%       |
| Organic Volatiles    | 0.3%       | 0.4%       | 2.9%                                                           | 3.4%       |
| Percent Non-Volatile | 99.7%      | 99.6%      | 97.1%                                                          | 96.6%      |
| VOC Content          | LB/Gal     | g/L        | LB/Gal                                                         | g/L        |
| Total                | 0.02       | 2          | 0.26                                                           | 31         |
| Less exempt solvents | 0.02       | 2          | 0.26                                                           | 31         |
| Of solids            | 0.02       | 2          | 0.27                                                           | 33         |
| Of solids            | 0.00 lb/lb | 0.00 kg/kg | 0.02 lb/lb                                                     | 0.02 kg/kg |

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

|               | GP3589A01  |            | AS MIXED                                           |            |
|---------------|------------|------------|----------------------------------------------------|------------|
|               | LB/Gal     | kg/L       | Catalyzed GP3589A01 4:1 with GP3589B01, no reducer |            |
|               |            |            | 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**

6.73 lb/gal

**Photochemically Reactive**

Yes

**Density of Organic Solvent Blend AS MIXED**

7.80 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.

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.