# Resysta by Resysta

# Health Product Declaration v2.2

created via: HPDC Online Builder

**HPD UNIQUE IDENTIFIER:** 21632
**CLASSIFICATION:** 07 46 00 Siding
**PRODUCT DESCRIPTION:** Resysta Siding

## Section 1: Summary

## Basic Method / Product Threshold

### CONTENT INVENTORY

**Inventory Reporting Format**

- ○ Nested Materials Method
- ◉ Basic Method

**Threshold Disclosed Per**

- ○ Material
- ◉ Product

**Threshold level**

- ◉ 100 ppm
- ○ 1,000 ppm
- ○ Per GHS SDS
- ○ Other

**Residuals/Impurities**

- ○ Considered
- ○ Partially Considered
- ◉ Not Considered

Explanation(s) provided for Residuals/Impurities?

- ◉ Yes ○ No

*All Substances Above the Threshold Indicated Are:*

**Characterized** ○ Yes Ex/SC ◉ Yes ○ No

*% weight and role provided for all substances.*

**Screened** ○ Yes Ex/SC ○ Yes ◉ No

*One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.*

**Identified** ○ Yes Ex/SC ○ Yes ◉ No

*One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.*

### CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | *RESIDUAL OR IMPURITY*
GREENSCREEN SCORE | HAZARD TYPE

RESYSTA [ UNDISCLOSED Not Screened POLYVINYL CHLORIDE LT-P1 |
RES LIMESTONE LT-UNK ]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

Resysta already has thousands of projects around the world, which for years have been impressing with the unchanged appearance. That is why we can afford to provide a warranty of 25 years for the residential projects and 15 years for the commercial.

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

### CERTIFICATIONS AND COMPLIANCE

*See Section 3 for additional listings.*

VOC emissions: Intertek

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed

Third Party Verified?

- ○ Yes
- ◉ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2020-09-06
PUBLISHED DATE: 2020-09-06
EXPIRY DATE: 2023-09-06

# Section 2: Content in Descending Order of Quantity

*This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:*

- *Basic Inventory method with Product-level threshold.*
- *Nested Material Inventory method with Product-level threshold*
- *Nested Material Inventory method with individual Material-level thresholds*

*Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard*

## RESYSTA

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Due to the high material density Resysta is especially resistant to rain, snow and ice. Does not swell, splinter, shrink or crack. Resysta differs from other materials. Lignin is the substance that causes wood to gray when exposed to weather influences. Resysta does not contain any wood components and will therefore not gray. Thanks to certified durability classification 1 against fungal decay – RESYSTA meets highest demands in this regard.

OTHER PRODUCT NOTES:

## UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-06**

%: **40.0000** GS: **Not Screened** RC: **PostC** NANO: **Unknown** SUBSTANCE ROLE: **Polymer species**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---|---|---|
| | Hazard Screening not performed | |

SUBSTANCE NOTES: Polymer speciesUndisclosed (Active Resysta Filler 8003TR-ARF-S)

## POLYVINYL CHLORIDE

ID: **9002-86-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-06**

%: **40.0000** GS: **LT-P1** RC: **PostC** NANO: **No** SUBSTANCE ROLE: **Polymer species**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---|---|---|
| RESPIRATORY | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced |

SUBSTANCE NOTES: Polyvinyl chloride Raw Material Component

## LIMESTONE

ID: **1317-65-3**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-06**

%: **20.0000** GS: **LT-UNK** RC: **PostC** NANO: **No** SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---|---|---|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: Limestone CALCIUM CARBONATE

## Section 3: Certifications and Compliance

*This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.*

| VOC EMISSIONS | Intertek |
|---|---|

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Intertek CCRR
CERTIFICATE URL:

ISSUE DATE: 2020-05-24

EXPIRY DATE: 2021-05-31

CERTIFIER OR LAB: Intertek

CERTIFICATION AND COMPLIANCE NOTES:

## Section 4: Accessories

*This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.*

No accessories are required for this product.

## Section 5: General Notes

For many years siding has been the most traditional form of decorating and waterproofing building walls. Currently the building industry offers several options for this product, but still the most popular remain wood and plastic. Although visually there are many positive aspects of using siding, every one of them has its disadvantages. Installation of widely preferred wooden siding is followed by costly maintenance that needs to be performed every 4 to 9 years and the plastic siding presents a high environmental cost related to difficulty of responsible disposal. Therefore fully recyclable Resysta siding is a perfect solution. With the natural look and feel of wood followed by the minimal maintenance requirements it won over the architects, homeowners and contractors all over the USA.

# Section 6: References

## MANUFACTURER INFORMATION


MANUFACTURER: **Resysta**
ADDRESS: **4035 Cheyenne Ct**
**Chino CA 91710, United States**
WEBSITE: **www.resystausa.com**

CONTACT NAME: **Michael Sloup**
TITLE: **President**
PHONE: **9093932888**
EMAIL: **michael.sloup@resysta.com**


*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

## KEY

**Hazard Types**

**AQU** Aquatic toxicity
**CAN** Cancer
**DEV** Developmental toxicity
**END** Endocrine activity
**EYE** Eye irritation/corrosivity
**GEN** Gene mutation
**GLO** Global warming
**LAN** Land toxicity
**MAM** Mammalian/systemic/organ toxicity
**MUL** Multiple
**NEU** Neurotoxicity
**NF** Not found on Priority Hazard Lists
**OZO** Ozone depletion
**PBT** Persistent, bioaccumulative, and toxic
**PHY** Physical hazard (flammable or reactive)
**REP** Reproductive
**RES** Respiratory sensitization
**SKI** Skin sensitization/irritation/corrosivity
**UNK** Unknown

**GreenScreen (GS)**

**BM-4** Benchmark 4 (prefer-safer chemical)
**BM-3** Benchmark 3 (use but still opportunity for improvement)
**BM-2** Benchmark 2 (use but search for safer substitutes)
**BM-1** Benchmark 1 (avoid - chemical of high concern)
**BM-U** Benchmark Unspecified (due to insufficient data)
**LT-P1** List Translator Possible 1 (Possible Benchmark-1)
**LT-1** List Translator 1 (Likely Benchmark-1)
**LT-UNK** List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
**NoGS** No GreenScreen.

**Recycled Types**

**PreC** Pre-consumer recycled content
**PostC** Post-consumer recycled content
**UNK** Inclusion of recycled content is unknown
**None** Does not include recycled content

**Other Terms:**

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**Inventory Methods:**

**Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material
**Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product
**Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

**Nano** Composed of nano scale particles or nanotechnology
**Third Party Verified** Verification by independent certifier approved by HPDC
**Preparer** Third party preparer, if not self-prepared by manufacturer
**Applicable facilities** Manufacturing sites to which testing applies

*The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:*

- *a method for the assessment of exposure or risk associated with product handling or use,*
- *a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.*