Meltell
by Siga

SCREENING DATE: 2026-02-17
PUBLISHED DATE: 2026-02-17
EXPIRY DATE: 2029-02-17
PREPARER: Self-Prepared

Health Product Declaration v3.0
created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 1260772352
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 07 92 00 Joint Sealants
PRODUCT DESCRIPTION: Meltell is a one-component hybrid-polymer STP sealant designed for sealing window, door and façade joints, leaks, and penetrations in interior and exterior applications. It is silicone-free, isocyanate-free, low-odor, paintable, and based on a moisture-curing hybrid polymer. (Source: Meltell Product Data Sheet, updated 29 July 2024.)

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format
→ Basic Method

Threshold Disclosed Per
→ Product

Threshold Level
→ 1,000 ppm

Residuals/Impurities Evaluation
→ Not Completed

Explanation(s) provided :
Yes

For all contents above the threshold, the manufacturer has:

Characterized Yes
Provided weight and role.

Screened No
Provided screening results using HPDC-approved methods.

Identified No
Provided name and CAS RN or other identifier.

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.

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

MELTELL [(SILYL-TERMINATED POLYMER (STP) – PROPRIETARY) Not Screened **(PROPRIETARY NON-HAZARDOUS COMPONENTS (PER SDS/TDS))** Not Screened **VINYLTRIMETHOXYSILANE** BM-1tp MAM | PHY
AMINOETHYL-AMINOPROPYL-TRIMETHOXYSILANE LT-UNK AQU **]**

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Two proprietary substances (the hybrid polymer binder and additional non-hazardous components) do not have CAS numbers and therefore screen as “NoGS”. Their identities are consistent with SDS Section 3 (only hazardous ingredients are listed) and TDS descriptions. All available information from SDS/TDS have been used to characterize the product. (Sources: SDS Meltell 2024; TDS Meltell 29.07.2024).

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): N/A
Regulatory (g/l): N/A
Does the product contain exempt VOCs: No
Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: Emicode EC1 PLUS- very low emission
VOC content: MAS Certified Green - VOC Content

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

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 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

MELTELL

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

RESIDUALS AND IMPURITIES NOTES: Residuals / Inpurities are not considered for this product

OTHER PRODUCT NOTES:

(SILYL-TERMINATED POLYMER (STP) – PROPRIETARY) ID: **Not Registered**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**

%: **90.0000 - 95.0000** GreenScreen: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	Hazard Screening not performed	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
	Additional Hazard Screening not performed	

SUBSTANCE NOTES: Main component per SDS/TDS (“Hybrid-Polymer STP”).

(PROPRIETARY NON-HAZARDOUS COMPONENTS (PER SDS/TDS)) ID: **Unknown**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**

%: **1.5000 - 9.8000** GreenScreen: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
	Hazard Screening not performed	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
	Additional Hazard Screening not performed	

SUBSTANCE NOTES: Represents all additional non-hazardous constituents not itemized in SDS Section 3. Range balances total formulation to 100%. TDS confirms color variants (white/black/grey/anthracite), indicating pigments/additives without disclosed CAS.

VINYLTRIMETHOXYSILANE ID: **2768-02-7**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-02-17 7:14:52**

%: **0.1000 - 2.5000** GreenScreen: **BM-1tp** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MAM	GHS - Japan	H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]
PHY	GHS - New Zealand	Flammable liquids category 2
PHY	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Listed in SDS Meltell as Trimethoxyvinylsilan (<2.5%).

AMINOETHYL-AMINOPROPYL-TRIMETHOXYSILANE ID: **1760-24-3**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-02-17 7:15:45**

%: **0.1000 - 1.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 3

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Listed as Aminoethyl-aminopropyl-trimethoxysilane in SDS Meltell (<1%).

Section 3: 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

COMPLIANCE TYPE: Third-party certification
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: eco institute germany gmbh
COMPLIANCE DETAILS:
COMPLIANCE SCOPE:
APPLICABLE FACILITIES: all
COMPLIANCE URL: https://d1c96hlcey6qkb.cloudfront.net/597ed2b7-7f57-4e37-808e-57742814b918/4633c25630274db8b76768eeeaaa0d55?response-content-disposition=inline%3B%20filename%2A%3DUTF-8%27%27SIGA_Meltell_310_320_330_332_EMICODE_Zertifikat_de.pdf&response-content-type=application%2Fpdf&Expires=1771459200&Signature=Wv~rlspPVgbByW9Ulw33Qs7dEXE7o4ykuhOrIDTRe~z1JhW9eRQWA24Nca6H9t0~kLopfbkmcbKqG6B8nClBODhCZKSxSZNG4mvhOcxi6OBg4EsRhw~G0pH6xSwrjZ9cjrSYroJCnve82gg2LTZ AySbEbB8lQ9CxdxrL9yJ6rwWZgIUsofxmdbYbrb7ZOlGin~VVLwlFmJ3~KWRqhTv-qQDGSPOC3qTmtymZ~3zE8eMqM93G6xyPgw1jT4kuaiqvHJFZ6rITMTb8-HxgbbqritJ3CLE-nXCAN53kzHRo9-KyEfJaMlwhN8bdjynlaAZCJztjjLf7YM5KA__&Key-Pair-Id=APKAI33AGAEAYCXFBDTA
COMPLIANCE NOTES:

VOC CONTENT | **MAS Certified Green - VOC Content**

COMPLIANCE TYPE: Self-declaration
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SIGA Cover AG (self-declared based on SDS)
COMPLIANCE DETAILS:
COMPLIANCE SCOPE: Product
APPLICABLE FACILITIES: all
COMPLIANCE URL:
COMPLIANCE NOTES: Meltell contains no solvent-based components. VOC content = 0 g/L per SDS (Hybrid-Polymer STP, silicone- and isocyanate-free). Methanol formation occurs only during cure and is an emission effect, not VOC content.app

ISSUE DATE: 2026-02-17 **EXPIRY DATE:** 2030-02-16

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

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Siga**
ADDRESS: **SIGA Cover Inc.**
2355 Highway 36 West, Suite 400
Roseville, Minnesota 55113
COUNTRY: **United States**

WEBSITE: **www.siga.swiss**
CONTACT NAME: **Gabriella Sauerwein**
TITLE: **Regulatory Affairs Manager**
PHONE: **18557337442**
EMAIL: **technics.americas@siga.swiss**

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
NoGS No GreenScreen.

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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 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.