

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	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
→ Basic Method	→ Not Completed	
Threshold Disclosed Per	Explanation(s) provided :	Characterized
→ Product	Yes	Provided weight and role.
Threshold Level		Screened
→ 1,000 ppm		Provided screening results using HPDC-approved methods.
		Identified
		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 | VINYLTRIMETHOXSILANE BM-1p] MAM | PHY
AMINOETHYL-AMINOPROPYL-TRIMETHOXSILANE 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.

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 / Impurities 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.				

VINYLTRIMETHOXSILANE

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-TRIMETHOXSILANE

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-57742814b918/4633c25630274db8b76768eeaaa0d55?response-content-disposition=inline%3B%20filename%2A%3DUTF-8%27%27SIGA_Mell_310_320_330_332_EMICODE_Zertifikat_de.pdf&response-content-type=application%2Fpdf&Expires=1771459200&Signature=Wv~-rlspPVgbByW9Ulw33Qs7dEXE7o4ykuhOrlDTRe~z1JhW9eRQWA24Nca6H9t0~kLopfbkmbKqG6B8nCIBODhCZKSxSZNG4mVhOxi6OBg4EsRhw~G0pH6xSwrjZ9cjrSYroJCnve82gg2LT2AySbEbB8lQ9CxdxL9yJ6rwWZglUsofxmdbYbrb7ZOIGin~VVLwlFmJ3~KWRqhTv-qQDGSPOC3qTmtymZ~3zE8eMqM93G6xyPgW1jT4kuaiqvHJFZ6rITMTb8-HxgbbqritJ3CLE-nXCAN53kzHRo9-KyEfJaMlwhN8bdjynlaAZCJztjJL7YM5KA__&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: Melltell 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

MANUFACTURER INFORMATION

MANUFACTURER: Siga	WEBSITE: www.siga.swiss
ADDRESS: SIGA Cover Inc.	CONTACT NAME: Gabriella Sauerwein
2355 Highway 36 West, Suite 400	TITLE: Regulatory Affairs Manager
Roseville, Minnesota 55113	PHONE: 18557337442
COUNTRY: United States	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	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	
GreenScreen (GS)		
BM-4 Benchmark 4 (prefer-safer chemical)		LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)		LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)		LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)		NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)		

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.