



广州市矽博化工科技有限公司

Guangzhou Xibo Chemical Technology Co., Ltd

Room 1311, Yanqiao Building, No.89 Yanling Road, Tianhe District, Guangzhou

Sileather – Health Product Declaration (HPD)

1. General Product Information

Product Name: Sileather

Product Type: Silicone-coated upholstery material

Construction: 100% silicone surface layer + textile backing

Intended Use: Commercial upholstery (office, healthcare, hospitality)

Manufacturer: Guangzhou Xibo Chemical Technology Co., Ltd

Brand Name: Sileather®

U.S. Distributor: Siotech Corporation, Duluth, GA, USA

HPD Standard: v2.3

Date: April 8, 2026

2. Product Description

Sileather is a high-performance upholstery material featuring a 100% silicone top layer bonded to a textile substrate. It is designed for durability, stain resistance, and low environmental and health impact.

3. Material Composition

Silicone (Polydimethylsiloxane, CAS 9016-00-6): 45% Surface layer

Polyester Textile Backing (PET, CAS 25038-59-9): 55% Structural support

Restricted Substances (based on testing and supplier data):

- PFAS: Not detected (REACH screening)
- Heavy metals (incl. lead): RoHS compliant
- Phthalates: Not intentionally added
- PVC: Not intentionally added
- Formaldehyde: Not intentionally added
- Antimony trioxide: Not intentionally added



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4. Hazard Screening Summary

No intentionally added substances listed on HPD Priority Hazard Lists above 1000 ppm, based on available supplier data

5. Certifications & Compliance

- OEKO-TEX Standard 100 Certified
- SCS Indoor Advantage Gold™ Certified
- Aligned with Healthier Hospitals Initiative (HHI) goals
- Compliant with California AB-2998 (no added flame-retardant chemicals)
- A published HPD is available, supporting LEED v4/v4.1 Material Ingredients credits for building projects specifying Sileather

6. VOC Emissions

Tested per CDPH Standard Method v1.2 (California Section 01350) and certified to SCS Indoor Advantage Gold™ standards. Confirms compliance with VOC emission limits for indoor commercial use. Qualifies for LEED v4 Low-Emitting Materials credits; recognized by the EPA and GSA.

7. Biocompatibility

- **Cytotoxicity (ISO 10993-5)**
- **Primary Skin Irritation Test (GLP)**
- **Testing conducted by ISO/IEC 17025:2017 accredited laboratories**

8. Regulatory Compliance



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Regulation	Status	Document
REACH SVHC (249 substances)	No REACH SVHC substances above reporting thresholds, based on supplier declarations.	Reach_SVHC249 (Apr 2024)
RoHS (EU 2011/65/EU)	Compliant — no restricted heavy metals	RoHS EN (Mar 2020)
PFAS/PFCs	Not detected	REACH PFC/PFA screening

9. Health & Environmental Advantages

- Inert silicone surface with low chemical reactivity
- No added flame retardants
- Durable material supporting extended product lifespan
- Easy to clean, reducing need for harsh cleaning agents

10. Disclosure Level

General threshold: 1000 ppm

Carcinogens and reproductive toxicants: 100 ppm

11. Third-Party Verification

- Self-declared (current)
- Third-party verified (future option)

12. Contact Information

Email: marketing@sileather.com

Website: www.sileather.com