

HPD UNIQUE IDENTIFIER: 25398

CLASSIFICATION: 09 67 00 Fluid-Applied Flooring

PRODUCT DESCRIPTION: EPI Superbase is a durable and comfortable polyurethane based resinous flooring system with permanent elastic properties, is UV resistant and is colour stable. Superbase has a smooth, seamless tight finish and is extremely suitable for use in environments where a beautiful appearance, high comfort and exclusive design is requested.

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i>
<input checked="" type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	Residuals/Impurities	Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	Considered in 2 of 2 Materials	<i>% weight and role provided for all substances.</i>
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	Explanation(s) provided for Residuals/Impurities?	Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Material	<input type="radio"/> Other	<input checked="" type="radio"/> Yes <input type="radio"/> No	<i>All substances screened using Priority Hazard Lists with results disclosed.</i>
<input type="radio"/> Product			Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
			<i>All substances disclosed by Name (Specific or Generic) and Identifier.</i>

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

FLOORING 60NV COMP. A FLOORING 60NV COMP. B [[HEXANE, 1,6-DIISOCYANATO-, HOMOPOLYMER](#) [LT-P1](#) [HEXAMETHYLENE DIISOCYANATE](#) [LT-UNK](#) | RES | MAM | SKI | EYE]

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:

See material notes

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): < 50 g/l Regulatory (g/l): < 50 g/l

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: Yes

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

VOC content: Eurofins Confirmation LEEDv4 EQ - Low emitting products - wet applied - DiBt/AgBB/SCAQMD

VOC content: Decorative Paint Directive 2004/42/CE (calculation method) - Phase 2

Management: ISO 9001:2015 Quality management systems

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2021-07-12

PUBLISHED DATE: 2021-07-12

EXPIRY DATE: 2024-07-12

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

FLOORING 60NV COMP. A %: 0.0000 - 77.0000

MATERIAL THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Based on the suppliers information material is not considered to have residuals or impurities.

OTHER MATERIAL NOTES: All substances in this material are below the reportable threshold. Base material contains no hazardous ingredients.

FLOORING 60NV COMP. B %: 0.0000 - 23.0000

MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Partially MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Based on information from raw material supplier residuals and impurities may be partially considered.

OTHER MATERIAL NOTES: Hardener material

HEXANE, 1,6-DIISOCYANATO-, HOMOPOLYMER

ID: 28182-81-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-12 5:41:57**%: **50.0000 - 100.0000** GS: **LT-P1** RC: **UNK** NANO: **Unknown** SUBSTANCE ROLE: **Curing agent**

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

SUBSTANCE NOTES:

HEXAMETHYLENE DIISOCYANATE

ID: 822-06-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-12 5:41:58**%: **0.0500 - 0.5000** GS: **LT-UNK** RC: **UNK** NANO: **Unknown** SUBSTANCE ROLE: **Curing agent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
MAM	EU - GHS (H-Statements)	H331 - Toxic if inhaled
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
RES	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

SUBSTANCE NOTES:

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	CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-07-07	EXPIRY DATE: 2025-07-07	CERTIFIER OR LAB: Eurofins Product Testing A/S
APPLICABLE FACILITIES: EPI Synthetic Surface Materials B.V.			
CERTIFICATE URL: https://en.epifloors.com/quality-and-certification/			
CERTIFICATION AND COMPLIANCE NOTES: EPI Superbase is tested and passed the testing for this subject			

VOC CONTENT	Eurofins Confirmation LEEDv4 EQ - Low emitting products - wet applied - DiBt/AgBB/SCAQMD		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-07-07	EXPIRY DATE: 2025-07-07	CERTIFIER OR LAB: Eurofins Product Testing A/S
APPLICABLE FACILITIES: EPI Synthetic Surface Materials B.V.			
CERTIFICATE URL: https://en.epifloors.com/quality-and-certification/			
CERTIFICATION AND COMPLIANCE NOTES: EPI Superbase system is tested and passed the testing for this subject.			

VOC CONTENT	Decorative Paint Directive 2004/42/CE (calculation method) - Phase 2		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2021-07-01	EXPIRY DATE:	CERTIFIER OR LAB: EPI Laboratory
APPLICABLE FACILITIES: EPI Synthetic Surface Materials BV			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: VOC < 500 g/ltr			

MANAGEMENT	ISO 9001:2015 Quality management systems		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-11-05	EXPIRY DATE: 2023-11-05	CERTIFIER OR LAB: Kiwa Nederland BV
APPLICABLE FACILITIES: ALL			
CERTIFICATE URL: https://www.kiwa.nl/upload/certificate/00106458.pdf?_ga=2.220277978.37075312.1626088784-141154589.1618489760			
CERTIFICATION AND COMPLIANCE NOTES: EPI Superbase is manufactured under ISO 9001			

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

PROUD OF OUR FLOORS

EPI is an independent Dutch family company. We are proud to be free in the choices that we make. For three decades already, we have put our heart and soul into the development and design of first-class designer seamless, self-levelling floors. This passion results in sensational floor products and spectacular projects.

ONLY THE BEST

We put innovation and research first. Only the best is good enough. As manufacturer, supplier and distributor, we manage the entire production chain. That's why we can fully guarantee the quality of the floors we deliver.

SPECIALIS INSTALLERS

At EPI we produce floors. We do not install them. We entrust this to our worldwide network of specialist installers. Without exception our partners love their craft and have an eye for detail. When you choose an EPI floor we connect you to a specialist installer near you.

CERTIFIED PRODUCTS

Complying with the applicable regulations is our concern. We don't want our customers to have to figure out themselves whether our systems are developed and supplied in accordance with the most recent standards. As such, we supply our products in accordance with the applicable NEN-ISO 9001/14001 standards. The specifications of our floors are also listed in the Dutch STABU register.

QUALITY AND ENVIRONMENT

We invest a lot of time and money into developing innovative, environmentally friendly products. That's why EPI floors are guaranteed to be durable and stay in good condition longer than floor systems from other manufacturers. For example, the lifespan of an EPI Superbase cast floor is an unparalleled thirty to forty years. Only the top layer has to be refurbished every seven to twelve years. Additionally, an EPI floor can always serve as a base for an entirely new floor.

Our floor systems are solvent-free and/or water-based, minimising the emission of volatile organic compounds. EPI products mainly contain natural raw materials such as biopolymers and natural fillers.

EPI PU resin floors are primarily based on pure and modified vegetal oils, combined with mineral fillers and pigments. Our floors are free from solvents and PVC and contain no chemical thinners. The products don't contain any volatile organic components (VOC-free) and therefore have nearly no emissions after the products have hardened.

<https://en.epifloors.com>

MANUFACTURER INFORMATION

MANUFACTURER: EPI Synthetic Surface Materials B.V.
ADDRESS: Duikboot 1-7
 Houten Utrecht 3991 CK, Netherlands
WEBSITE: www.epifloors.com

CONTACT NAME: S van Laerhoven
TITLE: Technical Productmanager
PHONE: 0031-30 293 36 64
EMAIL: sander.vlaerhoven@epigroup.nl

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-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	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.)
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)	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.