

CLASSIFICATION: 09 65 19

created via: HPDC Online Builder

PRODUCT DESCRIPTION: MAXX Floors™ develops flooring products which feature built in acoustics, environmentally responsible products, and we are dedicated to offering the highest quality environmentally sustainable products. Our LooseLay features an integrated acoustical pad, soft underlayment, and is phthalate and formaldehyde free. Our flooring is offered in an amazing 90 color offerings. Our Plank Sizes are 9"x48" with a 5mm total thickness, and our products are made from 100% virgin material and feature a highly scratch resistant ceramic bead finish. All 20-mil MAXX Floors products backed by a lifetime warranty.

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
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?
 Yes No

Are All Substances Above the Threshold Indicated:

- Characterized**
Percent Weight and Role Provided? Yes No
- Screened**
Using Priority Hazard Lists with Results Disclosed? Yes No
- Identified**
Name and Identifier Provided? Yes No

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.

Number of Greenscreen BM-4/BM3 contents..... 1
 Contents highest concern GreenScreen
 Benchmark or List translator Score..... LT-1
 Nanomaterial..... No

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

MAXX FLOORS™ LOOSELAY [VINYL CHLORIDE-VINYL ACETATE COPOLYMERS (VINYL CHLORIDE-VINYL ACETATE COPOLYMERS) **LT-UNK**
 RESIN ACIDS AND ROSIN ACIDS, CALCIUM ZINC SALTS (RESIN ACIDS AND ROSIN ACIDS, CALCIUM ZINC SALTS) **LT-UNK** BIS(2-ETHYLHEXYL) TEREPHTHALATE (BIS(2-ETHYLHEXYL) TEREPHTHALATE) **BM-3** FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT (FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT) **LT-UNK** 1,6-HEXANEDIOL DIACRYLATE (1,6-HEXANEDIOL DIACRYLATE) **LT-P1** | SKI | EYE | MUL CARBON BLACK **LT-1** | CAN TRIMETHYLOLPROPANE TRIACRYLATE (TRIMETHYLOLPROPANE TRIACRYLATE) **LT-UNK** | RES | SKI | EYE DIPROPYLENE GLYCOL DIACRYLATE (DIPROPYLENE GLYCOL DIACRYLATE) **LT-UNK** FUMED SILICA, CRYSTALLINE-FREE (FUMED SILICA, CRYSTALLINE-FREE) **LT-UNK** HYDROXYCYCLOHEXYL PHENYL KETONE (HYDROXYCYCLOHEXYL PHENYL KETONE) **LT-UNK**]

INVENTORY AND SCREENING NOTES:

The HPD was created with basic inventory.

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: ASTMD5116

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared
 VERIFIER:
 VERIFICATION #:

SCREENING DATE: 2018-02-24
 PUBLISHED DATE: 2018-02-24
 EXPIRY DATE: 2021-02-24

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 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

MAXX FLOORS™ LOOSELAY

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Based on the performed tests on selected pars of submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) comply with the limits in RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.

OTHER PRODUCT NOTES: The limit of DPB, BBP, DEHP, DIDP, and DnHP is in accordance with the requirement of children product stated in Public Law (Consumer Product Safety Improvement Act of 2008, CPSIA)

VINYL CHLORIDE-VINYL ACETATE COPOLYMERS (VINYL CHLORIDE-VINYL ACETATE COPOLYMERS)

ID: 9003-22-9

#: **86.0000 - 91.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Filler, Anti Slip Layer, PVC Layer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: PVC) is made from a plasticized PVC formulated for use in LVT Flooring. PVC is impervious to water and is known for its long-wearing durability.

RESIN ACIDS AND ROSIN ACIDS, CALCIUM ZINC SALTS (RESIN ACIDS AND ROSIN ACIDS, CALCIUM ZINC SALTS)

ID: 68334-35-0

#: **5.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Wear Layer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Safety, Health and Environmental Issues Inherently calcium/zinc stabiliser systems incorporating the proven range of co-stabilisers have low toxicity or are regarded as non-toxic

BIS(2-ETHYLHEXYL) TEREPHTHALATE (BIS(2-ETHYLHEXYL) TEREPHTHALATE)

ID: 6422-86-2

#: **5.0000 - 10.0000** GS: **BM-3** RC: **None** NANO: **No** ROLE: **Plasticizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: MAXX Floors plasticizers offer improved efficiency and lower fusion temperatures—creating increased line speeds and wider processing windows that can reduce your energy costs. MAXX Floors Plasticizers are Phthalate Free.

FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT (FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT)

ID: 65997-17-3

#: **1.0000 - 1.8000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Fiberglass Layers 1 & 2**

HAZARDS: None Found AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists

SUBSTANCE NOTES: Fiberglass in LVT is used to ensure that your flooring has a strong core and remains dimensionally stable. The use of Fiberglass in LVT ensures to mitigate expansion and contraction, allowing your floor to have a stronger core and thus a longer life cycle.

1,6-HEXANEDIOL DIACRYLATE (1,6-HEXANEDIOL DIACRYLATE)

ID: 13048-33-4

#: **0.0400 - 0.0600** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **UV Acrylic Layer**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Hexanediol diacrylate is a difunctional reactive diluent that is commonly used as a component of ultraviolet light (UV) and electron beam (EB) curable coatings and inks.

CARBON BLACK

ID: 1333-86-4

#: **0.0397 - 0.0477** GS: **LT-1** RC: **None** NANO: **No** ROLE: **High Res Print Layer- Pigment**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Carbon black is used for making pigments for colorization of flooring.

TRIMETHYLOLPROPANE TRIACRYLATE (TRIMETHYLOLPROPANE TRIACRYLATE)

ID: 15625-89-5

#: **0.0360 - 0.0600** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **UV Acrylic Layer**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Trimethylolpropane triacrylate (TMPTA) is a trifunctional monomer used in the manufacture of plastics, adhesives, acrylic glue, anaerobic sealants, and ink. It is useful for its low volatility and fast cure response. It has the property of resistance against weather, chemical, water and abrasion. It is useful for its low volatility and fast cure response. It has the property of resistance against weather, chemical, water and abrasion.

DIPROPYLENE GLYCOL DIACRYLATE (DIPROPYLENE GLYCOL DIACRYLATE)

ID: 57472-68-1

#: **0.0120 - 0.0136** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **UV Acrylic Layer**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: DPGDA is particularly useful in coatings and inks where improved flexibility and adhesion are desired in combination with good moisture resistance. Dipropylene glycol is a mixture of three isomeric chemical compounds, 4-oxa-2,6-heptandiol, 2-propan-1-ol, and 2-propan-1-ol. It is a colorless, nearly odorless liquid with a high boiling point and low toxicity.

FUMED SILICA, CRYSTALLINE-FREE (FUMED SILICA, CRYSTALLINE-FREE)

ID: 112945-52-5

#: **0.0120 - 0.0360** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **UV Acrylic Layer**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: Fumed silica is produced in a flame, consists of microscopic droplets of amorphous silica fused into branched, chainlike, three-dimensional secondary particles which then agglomerate into tertiary particles. The resulting powder has an extremely low bulk density and high surface area. Its three-dimensional structure results in viscosity-increasing, thixotropic behavior when used as a thickener or reinforcing filler.- (Wikipedia)

HYDROXYCYCLOHEXYL PHENYL KETONE (HYDROXYCYCLOHEXYL PHENYL KETONE)

ID: 947-19-3

#: **0.0072 - 0.0120** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **UV Acrylic Layer**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
----------	----------------------------	--

SUBSTANCE NOTES: It is white crystalline powder which is stable under normal temperature and pressure. It is irritating to eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If you want to contact this product, you must wear chemical safety goggles, compatible chemical-resistant gloves and respirator. -(LookChem)

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	ASTMD5116		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2015-05-16	EXPIRY DATE: 2025-05-16	CERTIFIER OR LAB: ASTM
APPLICABLE FACILITIES: Zone, Xuancheng City, Anhui Province, China			
CERTIFICATE URL: https://www.astm.org/Standards/D5116.htm			
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

MAXX Floors™ adds aesthetics, durability, and striking color choices. Our zero waste technology, and healthy construction methods insure a healthy indoor environment due to our phthalate free products which contain no VOC emissions. Our products are formaldehyde free, and are safe for the environment . Our Ceramic Bead Ultra-Shield™ top layer ensures that our flooring has a high level of resistance to scratching and abrasions. LooseLay includes an integrated acoustical pad that reduces noise in room environments.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Davati**

CONTACT NAME: **Adam Clark**

ADDRESS: **6000 South Congress Road**

TITLE: **VP of Sales & Marketing**

Austin Texas 78745, USA

PHONE: **5123716096**

WEBSITE: **www.maxxfloors.com**

EMAIL: **aclark@davati.com**

KEY

OSHA MSDS

Occupational Safety and Health Administration Material Safety Data Sheet

GHS SDS

Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

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 (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms

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.