

CLASSIFICATION: 09 64 00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: This HPD covers the entire range of Solid wood flooring by Mercier Wood Flooring. Solid wood boards are available in widths ranging from 2¼" (57 mm) to 7¼" (184 mm) depending on product line. All Solid wood board are ¾" (19 mm)-thick with a micro-V joint on 4 faces. Several wood species available. Acrylate polymer-based finish consisting of UV-cured polyurethane reinforced with suspended aluminium oxide particles.

Section 1: Summary

Nested 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

Residuals/Impurities Considered in 1 of 3 Materials

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

Characterized Yes No
Percent Weight and Role Provided?

Screened Yes No
Using Priority Hazard Lists with Results Disclosed?

Identified Yes No
Name and Identifier Provided?

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

HARDWOOD [**WOOD (WOOD)** **NoGS**] **NATURAL FINISH** [**BISPHENOL A-EPICHLOROXYDIOL ACRYLATE (BISPHENOL A-EPICHLOROXYDIOL ACRYLATE)** **LT-UNK** **1,6-HEXANEDIOL DIACRYLATE (1,6-HEXANEDIOL DIACRYLATE)** **LT-P1** | **SKI | EYE | MUL TRIPROPYLENE GLYCOL DIACRYLATE (TRIPROPYLENE GLYCOL DIACRYLATE)** **LT-P1** | **AQU | SKI | EYE | MUL DIPROPYLENE GLYCOL DIACRYLATE (DIPROPYLENE GLYCOL DIACRYLATE)** **LT-UNK** **2-[[[3-HYDROXY-2,2-BIS[[[1-OXOALLYL)OXY]METHYL]PROPOXY]METHYL]-2-[[[1-OXOALLYL)OXY]METHYL]-1,3-PROPANEDIYL DIACRYLATE (2-[[[3-HYDROXY-2,2-BIS[[[1-OXOALLYL)OXY]METHYL]PROPOXY]METHYL]-2-[[[1-OXOALLYL)OXY]METHYL]-1,3-PROPANEDIYL DIACRYLATE)** **LT-P1** | **MUL OILS, SOYABEAN ACRYLATE, EPOXIDISED (OILS, SOYABEAN ACRYLATE, EPOXIDISED)** **LT-UNK** **1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-(1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-)** **LT-UNK** **2-PROPENOIC ACID, ISODECYL ESTER (2-PROPENOIC ACID, ISODECYL ESTER)** **LT-P1** | **MUL TRIMETHYLOLPROPANE TRIACRYLATE (TRIMETHYLOLPROPANE TRIACRYLATE)** **LT-UNK** | **RES | SKI | EYE SILICA, AMORPHOUS (SILICA, AMORPHOUS)** **LT-P1** | **CAN TRIETHYL ORTHOFORMATE (TRIETHYL ORTHOFORMATE)** **LT-UNK** **OLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-(3-(2H-BENZOTRIAZOL-2-YL)-5-(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)-1-OXOPROPYL)-OMEGA-HYDROXY-(OLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-(3-(2H-BENZOTRIAZOL-2-YL)-5-(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)-1-OXOPROPYL)-OMEGA-HYDROXY-)** **NoGS** **HYDROXYCYCLOHEXYL PHENYL KETONE (HYDROXYCYCLOHEXYL PHENYL KETONE)** **LT-UNK** **DIPHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINE OXIDE (DIPHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINE OXIDE)** **LT-P1** | **REP | MUL GLYCEROL PROPOXYLATE TRIACRYLATE (GLYCEROL PROPOXYLATE TRIACRYLATE)** **LT-UNK** **ACRYL- UND METHACRYLMODIFIZIERTE POLYDIMETHYLSILOXANE, MITTLERE MOLMASSEN 1200 BIS 15000 G/MOL, RESTGEHALTE AN ACRYLSÄURE UND OCTAMETHYL-CYCLOTETRASILOXAN < 0,1 % (MODIFIED SILOXANES AND SILICONES)** **LT-UNK** **SILICA GEL (SILICA GEL)** **LT-UNK** **DECANEDIOIC ACID, BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER; (DECANEDIOIC**

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen
Benchmark or List translator Score..... BM-1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

This HPD covers the whole range of wood species and types of finishes available for Solid wood flooring manufactured by Mercier Wood Flooring, which introduces ranges in composition. Special Conditions materials are present in the product: biological material, reaction products, defined substances without identifier, plastics and polymers. Guidelines for reporting Special Conditions materials are still under development by HPDC and the manufacturer will update the HPD accordingly once these guidelines get published.

ACID, BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER;) **LT-P1** | PBT | MUL] STAIN FINISH [TRIPROPYLENE GLYCOL DIACRYLATE (TRIPROPYLENE GLYCOL DIACRYLATE) **LT-P1** | AQU | SKI | EYE | MUL DIPROPYLENE GLYCOL DIACRYLATE (DIPROPYLENE GLYCOL DIACRYLATE) **LT-UNK** ACRYLATES (ACRYLATES) **NoGS** 1,6-HEXANEDIOL DIACRYLATE (1,6-HEXANEDIOL DIACRYLATE) **LT-P1** | SKI | EYE | MUL 1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL- (1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-) **LT-UNK** SILICA, AMORPHOUS (SILICA, AMORPHOUS) **LT-P1** | CAN HYDROXYCYCLOHEXYL PHENYL KETONE (HYDROXYCYCLOHEXYL PHENYL KETONE) **LT-UNK** DIPHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINE OXIDE (DIPHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINE OXIDE) **LT-P1** | REP | MUL GLYCEROL PROPOXYLATE TRIACRYLATE (GLYCEROL PROPOXYLATE TRIACRYLATE) **LT-UNK** 1-ETHENYL-2-PYRROLIDINONE (1-ETHENYL-2-PYRROLIDINONE) **LT-1** | EYE | CAN TALC (TALC) **BM-1** | CAN ETHYLENE GLYCOL DIACRYLATE (ETHYLENE GLYCOL DIACRYLATE) **NoGS** CARBON BLACK (CARBON BLACK) **LT-1** | CAN TITANIUM DIOXIDE (TITANIUM DIOXIDE) **LT-1** | CAN | END ETHYL PHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINATE (ETHYL PHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINATE) **LT-P1** | MUL 2-(ACRYLOYLOXY)ETHANOL (2-(ACRYLOYLOXY)ETHANOL) **LT-P1** | AQU | MAM | SKI | MUL COPPERDIMETHYLDITHIOCARBAMATE (COPPERDIMETHYLDITHIOCARBAMATE) **LT-P1** 2-(2-ETHOXYETHOXY)ETHYL ACRYLATE (2-(2-ETHOXYETHOXY)ETHYL ACRYLATE) **LT-UNK** OILS, SOYABEAN ACRYLATE, EPOXIDISED (OILS, SOYABEAN ACRYLATE, EPOXIDISED) **LT-UNK** POLYETHYLENE (POLYETHYLENE) **LT-UNK** POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- (POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)-) **LT-P1** | MUL BISPHENOL A-EPICHLOROHYDRIN ACRYLATE (BISPHENOL A-EPICHLOROHYDRIN ACRYLATE) **LT-UNK** POLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-(2H-BENZOTRIAZOL-2-YL)-5-(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)-1-OXOPROPYL)-OMEGA-HYDROXY- **NoGS** 2-PROPENOIC ACID, ISODECYL ESTER (2-PROPENOIC ACID, ISODECYL ESTER) **LT-P1** | MUL 2-[[[3-HYDROXY-2,2-BIS[[[(1-OXOALLYL)OXY]METHYL]PROPOXY]METHYL]-2-[[[(1-OXOALLYL)OXY]METHYL]-1,3-PROPANEDIYL DIACRYLATE (2-[[[3-HYDROXY-2,2-BIS[[[(1-OXOALLYL)OXY]METHYL]PROPOXY]METHYL]-2-[[[(1-OXOALLYL)OXY]METHYL]-1,3-PROPANEDIYL DIACRYLATE) **LT-P1** | MUL TRIMETHYLOLPROPANE TRIACRYLATE (TRIMETHYLOLPROPANE TRIACRYLATE) **LT-UNK** | RES | SKI | EYE ACRYL- UND METHACRYLMODIFIZIERTE POLYDIMETHYLSILOXANE, MITTLERE MOLMASSEN 1200 BIS 15000 G/MOL, RESTGEHALTE AN ACRYLSÄURE UND OCTAMETHYLÖLCYCLOTETRASIOXAN < 0,1 % (MODIFIED SILOXANES AND SILICONES) **LT-UNK** SILICA GEL (SILICA GEL) **LT-UNK** DECANEDIOIC ACID, BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER; (DECANEDIOIC ACID, BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER;) **LT-P1** | PBT | MUL]

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: UL/GreenGuard Gold Certified
Management: ISO 9001:2015 - Quality Management Systems
Sustainable forestry: FSC Certification - Chain of Custody (COC)

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: 2018-01-31

PUBLISHED DATE: 2018-02-01

EXPIRY DATE: 2021-01-31

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

HARDWOOD

#: 99.0000

HPD URL: N/A

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Hardwood is a natural material and does not contain impurities nor residuals.

OTHER MATERIAL NOTES: Different species of hardwood are used in the manufacturing of Solid wood flooring from Mercier Wood Flooring. The list of hardwood species includes but is not limited to: white oak, red oak, sugar maple, hickory, yellow birch, walnut, pine, white ash.

WOOD (WOOD)

ID: Not registered

#: 100.0000

GS: NoGS

RC: None

NANO: No

ROLE: Main material

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

NATURAL FINISH

#: 0.0000 - 1.0000

HPD URL: N/A

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals or impurities not identified on SDSs.

OTHER MATERIAL NOTES: Alternative to Stain finish. The range is therefore 0w% to 1w%. Acrylate-based finish system. Finishes represents on average 1% of the total product weight. This finish is called natural because it excludes any type of coloring and only provides a natural wood color. Finishing systems are composed of 5 different products. Each product and its ingredients has been weighted as 20% of the final system. Finishing systems include a mat, satin or semi-gloss top coats which have been treated as alternatives in the accounting (range from 0% to max %).

BISPHENOL A-EPICHLOROHYDRIN ACRYLATE (BISPHENOL A-EPICHLOROHYDRIN ACRYLATE)

ID: 55818-57-0

#: 10.0000 - 13.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Base substance

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

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

ID: 13048-33-4

#: 9.0000 - 14.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Base substance
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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: See Other Material Notes.

TRIPROPYLENE GLYCOL DIACRYLATE (TRIPROPYLENE GLYCOL DIACRYLATE)

ID: 42978-66-5

#: 8.0000 - 12.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Base
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HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
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: See Other Material Notes.

DIPROPYLENE GLYCOL DIACRYLATE (DIPROPYLENE GLYCOL DIACRYLATE)

ID: 57472-68-1

#: 7.0000 - 16.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Base substance
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HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: See Other Material Notes.

2-[[[3-HYDROXY-2,2-BIS[[[1-OXOALLYL)OXY]METHYL]PROPOXY]METHYL]-2-[[[1-OXOALLYL)OXY]METHYL]-1,3-PROPANEDIYL DIACRYLATE (2-[[[3-HYDROXY-2,2-BIS[[[1-OXOALLYL)OXY]METHYL]PROPOXY]METHYL]-2-[[[1-OXOALLYL)OXY]METHYL]-1,3-PROPANEDIYL

ID: 60506-81-2

DIACRYLATE)%: **6.6000 - 12.0000**GS: **LT-P1**RC: **None** NANO: **No** ROLE: **Base substance**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other Material Notes.

OILS, SOYABEAN ACRYLATE, EPOXIDISED (OILS, SOYABEAN ACRYLATE, EPOXIDISED)ID: **91722-14-4**%: **2.0000 - 4.0000**GS: **LT-UNK**RC: **None** NANO: **No** ROLE: **Base substance**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL- (1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-)ID: **7473-98-5**%: **1.2000 - 3.6000**GS: **LT-UNK**RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

2-PROPENOIC ACID, ISODECYL ESTER (2-PROPENOIC ACID, ISODECYL ESTER)ID: **1330-61-6**%: **1.0000 - 2.0000**GS: **LT-P1**RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other Material Notes.

TRIMETHYLOLPROPANE TRIACRYLATE (TRIMETHYLOLPROPANE TRIACRYLATE)ID: **15625-89-5**%: **1.0000 - 2.0000**GS: **LT-UNK**RC: **None** NANO: **No** ROLE: **Base substance**

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: See Other Material Notes.

SILICA, AMORPHOUS (SILICA, AMORPHOUS)

ID: 7631-86-9

#: **0.6000 - 4.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Filler**

HAZARDS: AGENCY(IES) WITH WARNINGS:

CANCER Japan - GHS Carcinogenicity - Category 1A

SUBSTANCE NOTES: See Other Material Notes.

TRIETHYL ORTHOFORMATE (TRIETHYL ORTHOFORMATE)

ID: 122-51-0

#: **0.2000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

OLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-(3-(2H-BENZOTRIAZOL-2-YL)-5-(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)-1-OXOPROPYL)-OMEGA-HYDROXY- (OLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-(3-(2H-BENZOTRIAZOL-2-YL)-5-(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)-1-OXOPROPYL)-OMEGA-HYDROXY-)

ID: 104810-48-2

#: **0.2000 - 0.6000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

HYDROXYCYCLOHEXYL PHENYL KETONE (HYDROXYCYCLOHEXYL PHENYL KETONE)

ID: 947-19-3

#: **0.2000 - 0.6000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

DIPHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINE OXIDE (DIPHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINE OXIDE)

ID: 75980-60-8

#: **0.1000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

REPRODUCTIVE

EU - GHS (H-Statements)

H361f - Suspected of damaging fertility

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other Material Notes.

GLYCEROL PROPOXYLATE TRIACRYLATE (GLYCEROL PROPOXYLATE TRIACRYLATE)

ID: 52408-84-1

#: **0.0000 - 5.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Base substance**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

ACRYL- UND METHACRYLMODIFIZIERTE POLYDIMETHYLSILOXANE, MITTLERE MOLMASSEN 1200 BIS 15000 G/MOL, RESTGEHALTE AN ACRYLSäURE UND OCTAMETHYÖLCYCLOTETRASIOXAN < 0,1 % (MODIFIED SILOXANES AND SILICONES)

ID: 125455-52-9

#: **0.0000 - 0.6000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

SILICA GEL (SILICA GEL)

ID: 112926-00-8

#: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

DECANEDIOIC ACID, BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER; (DECANEDIOIC ACID, BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER;)

ID: 41556-26-7

#: **0.0000 - 0.1000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
PBT	EC - CEPA DSL Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)
MULTIPLE	German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other Material Notes.

STAIN FINISH

#: **0.0000 - 1.0000**

HPD URL: **N/A**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: Residuals or impurities not identified on SDSs.

OTHER MATERIAL NOTES: Alternative to Natural Finish. The range is therefore 0w% to 1w%. Acrylate-based finish system. Finishes represents on average 1% of the total product weight. This finish is called stain finish because it includes all types of coloring (oil or stain) available for the product. Finishing systems are composed of 5 different products. Each product and its ingredients has been weighted as 20% of the final system. Finishing systems include a mat, satin or semi-gloss top coats which have been treated as alternatives in the accounting (range from 0% to max %). The whole range of available stains and colored oils has been analyzed and included.

TRIPROPYLENE GLYCOL DIACRYLATE (TRIPROPYLENE GLYCOL DIACRYLATE)

ID: 42978-66-5

#: **8.0000 - 15.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Base substance**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
CHRON AQUATIC	EU - GHS (H-Statements) H411 - Toxic to aquatic life with long lasting effects
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: See Other Material Notes.

DIPROPYLENE GLYCOL DIACRYLATE (DIPROPYLENE GLYCOL DIACRYLATE)

ID: 57472-68-1

#: **5.0000 - 13.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Base substance**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

ACRYLATES (ACRYLATES)

ID: **Not registered**

#: **2.0000 - 11.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Base substance**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

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

ID: **13048-33-4**

#: **2.0000 - 12.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Base substance**

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: See Other Material Notes.

1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL- (1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-)

ID: **7473-98-5**

#: **1.2000 - 4.2000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

SILICA, AMORPHOUS (SILICA, AMORPHOUS)

ID: **7631-86-9**

#: **0.6000 - 6.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Filler**

HAZARDS: AGENCY(IES) WITH WARNINGS:

CANCER	Japan - GHS	Carcinogenicity - Category 1A
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SUBSTANCE NOTES: See Other Material Notes.

HYDROXYCYCLOHEXYL PHENYL KETONE (HYDROXYCYCLOHEXYL PHENYL KETONE)

ID: 947-19-3

#: **0.2000 - 0.8000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Solvent**

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

SUBSTANCE NOTES: See Other Material Notes.

DIPHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINE OXIDE (DIPHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINE OXIDE)

ID: 75980-60-8

#: **0.1200 - 2.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Additive**

HAZARDS: AGENCY(IES) WITH WARNINGS:
REPRODUCTIVE EU - GHS (H-Statements) H361f - Suspected of damaging fertility
MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other Material Notes.

GLYCEROL PROPOXYLATE TRIACRYLATE (GLYCEROL PROPOXYLATE TRIACRYLATE)

ID: 52408-84-1

#: **0.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Base substance**

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

SUBSTANCE NOTES: See Other Material Notes.

1-ETHENYL-2-PYRROLIDINONE (1-ETHENYL-2-PYRROLIDINONE)

ID: 88-12-0

#: **0.0000 - 2.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Additive**

HAZARDS: AGENCY(IES) WITH WARNINGS:
EYE IRRITATION EU - GHS (H-Statements) H318 - Causes serious eye damage
CANCER EU - GHS (H-Statements) H351 - Suspected of causing cancer
CANCER MAK Carcinogen Group 2 - Considered to be carcinogenic for man

TALC (TALC)

ID: 14807-96-6

#: 0.0000 - 2.0000	GS: BM-1	RC: None	NANO: No	ROLE: Filler
HAZARDS:		AGENCY(IES) WITH WARNINGS:		
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
SUBSTANCE NOTES: See Other Material Notes.				

ETHYLENE GLYCOL DIACRYLATE (ETHYLENE GLYCOL DIACRYLATE)

ID: 2274-11-5

#: 0.0000 - 1.0000	GS: NoGS	RC: None	NANO: No	ROLE: Base substance
HAZARDS:		AGENCY(IES) WITH WARNINGS:		
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: See Other Material Notes.				

CARBON BLACK (CARBON BLACK)

ID: 1333-86-4

#: 0.0000 - 1.0000	GS: LT-1	RC: None	NANO: No	ROLE: 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: See Other Material Notes.				

TITANIUM DIOXIDE (TITANIUM DIOXIDE)

ID: 13463-67-7

#: 0.0000 - 4.0000	GS: LT-1	RC: None	NANO: No	ROLE: 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

ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: See Other Material Notes.

ETHYL PHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINATE (ETHYL PHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINATE)

ID: 84434-11-7

#: **0.0000 - 0.6000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other Material Notes.

2-(ACRYLOYLOXY)ETHANOL (2-(ACRYLOYLOXY)ETHANOL)

ID: 818-61-1

#: **0.0000 - 0.0600** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Solvent**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other Material Notes.

COPPERDIMETHYLDITHIOCARBAMATE (COPPERDIMETHYLDITHIOCARBAMATE)

ID: 137-29-1

#: **0.0000 - 0.0200** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Pigment**

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

SUBSTANCE NOTES: See Other Material Notes.

2-(2-ETHOXYETHOXY)ETHYL ACRYLATE (2-(2-ETHOXYETHOXY)ETHYL ACRYLATE)

ID: 7328-17-8

#: **0.0000 - 3.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Base substance**

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

SUBSTANCE NOTES: See Other Material Notes.

OILS, SOYABEAN ACRYLATE, EPOXIDISED (OILS, SOYABEAN ACRYLATE, EPOXIDISED)

ID: 91722-14-4

#: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Base substance**

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

SUBSTANCE NOTES: See Other Material Notes.

POLYETHYLENE (POLYETHYLENE)

ID: 9002-88-4

#: **0.0000 - 0.6000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Additive**

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

SUBSTANCE NOTES: See Other Material Notes.

POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- (POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)-)

ID: 84170-74-1

#: **0.0000 - 3.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS: AGENCY(IES) WITH WARNINGS:
MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other Material Notes.

BISPHENOL A-EPICHLOROHYDRIN ACRYLATE (BISPHENOL A-EPICHLOROHYDRIN ACRYLATE)

ID: 55818-57-0

#: **0.0000 - 13.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Base substance**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

POLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-(3-(2H-BENZOTRIAZOL-2-YL)-5-(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)-1-OXOPROPYL)-OMEGA-HYDROXY-

ID: 104810-48-2

%: **0.0000 - 0.6000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Other Material Notes.

2-PROPENOIC ACID, ISODECYL ESTER (2-PROPENOIC ACID, ISODECYL ESTER)

ID: 1330-61-6

%: **0.0000 - 2.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS: AGENCY(IES) WITH WARNINGS:

MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other Material Notes.

2-[[[3-HYDROXY-2,2-BIS[[[(1-OXOALLYL)OXY]METHYL]PROPOXY]METHYL]-2-[[[(1-OXOALLYL)OXY]METHYL]-1,3-PROPANEDIYL DIACRYLATE (2-[[[3-HYDROXY-2,2-BIS[[[(1-OXOALLYL)OXY]METHYL]PROPOXY]METHYL]-2-[[[(1-OXOALLYL)OXY]METHYL]-1,3-PROPANEDIYL DIACRYLATE)

ID: 60506-81-2

%: **0.0000 - 12.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Base substance**

HAZARDS: AGENCY(IES) WITH WARNINGS:

MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other Material Notes.

TRIMETHYLOLPROPANE TRIACRYLATE (TRIMETHYLOLPROPANE TRIACRYLATE)

ID: 15625-89-5

%: **0.0000 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Base substance**

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: See Other Material Notes.

ACRYL- UND METHACRYLMODIFIZIERTE POLYDIMETHYLSILOXANE, MITTLERE MOLMASSEN 1200 BIS 15000 G/MOL, RESTGEHALTE AN ACRYLSÄURE UND OCTAMETHYLCYCLOTETRASILOXAN < 0,1 % (MODIFIED SILOXANES AND SILICONES)

ID: 125455-52-9

#: **0.0000 - 0.6000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

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

SUBSTANCE NOTES: See Other Material Notes.

SILICA GEL (SILICA GEL)

ID: 112926-00-8

#: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

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

SUBSTANCE NOTES: See Other Material Notes.

DECANEDIOIC ACID, BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER; (DECANEDIOIC ACID, BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER;)

ID: 41556-26-7

#: **0.0000 - 0.1000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
PBT	EC - CEPA DSL Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)
MULTIPLE	German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other Material Notes.

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of

VOC EMISSIONS

UL/GreenGuard Gold Certified

CERTIFYING PARTY: Third Party
ISSUE DATE: 2010-12-21
EXPIRY DATE:
CERTIFIER OR LAB: UL Environment
APPLICABLE FACILITIES: All.
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: Applies to all solid wood floors by Mercier Wood Flooring. Flooring products are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office and Classroom Environment.

MANAGEMENT

ISO 9001:2015 - Quality Management Systems

CERTIFYING PARTY: Third Party
ISSUE DATE: 2009-01-01
EXPIRY DATE:
CERTIFIER OR LAB: SGS
APPLICABLE FACILITIES: All.
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: The scope of registration includes: manufacturing and development of prefinished hardwood flooring and molding.

SUSTAINABLE FORESTRY

FSC Certification - Chain of Custody (COC)

CERTIFYING PARTY: Third Party
ISSUE DATE: 2013-11-05
EXPIRY DATE:
CERTIFIER OR LAB: Rainforest Alliance
APPLICABLE FACILITIES: All.
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: Certificate Type: Single Chain of Custody and Controlled Wood. -//- Product group(s): Plan flooring; Engineered flooring; Flooring; Wood in chips or particles. -//- Certificate Registration Code: RA-COC-003583, RA-CW-003583.

+ 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

All finish systems have been considered in this HPD: mat, satin, semi-gloss, as well as all applicable stains. Ingredients present in all options have been declared in this document.

👁️ Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Mercier Wood Flooring**
ADDRESS: **330 rue des Entrepreneurs**
Montmagny Quebec G5V 4T1, Canada
WEBSITE: **www.mercier-wood-flooring.com/en**

CONTACT NAME: **Karyne Tremblay**
TITLE: **Director of Products Development & Quality**
PHONE: **418-248-1785**
EMAIL: **ktremblay@planchersmercier.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	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

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.