

CLASSIFICATION: 12 51 00

PRODUCT DESCRIPTION: Framery Q offers privacy for one-on-one meetings and focus without interruptions in an open plan or activity based office environment. With Framery Q you can design your office in a totally new way. Placing the booths in the middle of the office staff allows you to realize an open-plan office without the common noise problems. Due to great sound insulation the booth can be placed right next to the work stations. Framery Q has a wide range of integrated furniture from workstations to lounge seats and coffee tables. Air ventilation creates fresh and nice working environment. The Product is easy to assemble and relocate when necessary.

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 34 of 34 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

BIRCH PLYWOOD [BIRCH (BIRCH PLYWOOD) NoGS PHENOL
FORMALDEHYDE LT-P1 | RES WATER (WATER) NoGS LIMESTONE;
CALCIUM CARBONATE LT-UNK CELLULOSE, MICROCRYSTALLINE
(CELLULOSE) NoGS SODIUM CARBONATE LT-P1 | EYE AMMONIUM
CHLORIDE LT-P1 | EYE | END] LAMINATED GLASS [SOLID / PLATE
GLASS (FLOAT GLASS) LT-UNK] STAINLESS STEEL [304 STAINLESS
STEEL (STAINLESS STEEL) NoGS] POLYURETHANE [POLYURETHANE
FOAMS LT-UNK] ACOUSTIC PANELS [POLYETHYLENE
TEREPHTHALATE (PET) LT-UNK] FELT SHEET [POLYETHYLENE
TEREPHTHALATE (PET) LT-UNK] FORMPRESSED BIRCH PLYWOOD [
BIRCH (BIRCH PLYWOOD) NoGS UREA FORMALDEHYDE LT-P1 | RES
WATER (WATER) NoGS KAOLIN NoGS FORMIC ACID BM-2 | SKI
RESORCINOL LT-P1 | END | AQU | SKI | EYE] STEEL [STEEL NoGS] PVB [
POLYVINYL BUTYRAL (PVB) LT-UNK] NYLON 66 [NYLON 6,6 LT-UNK]
GALVANIZED STEEL [STEEL NoGS ZINC LT-P1 | AQU | END | MUL | PHY]
FORMICA LAMINATE [KRAFT PAPER NoGS PHENOL FORMALDEHYDE
LT-P1 | RES MELAMINE FORMALDEHYDE NoGS] MAGNET [STEEL NoGS
NEODYMIUM-IRON-BORON ALLOY NoGS | PHY | SKI | EYE |] POWDER
PAINT [POLYESTER NoGS UNDISCLOSED NoGS | TITANIUM DIOXIDE LT-
1 | CAN | END CARBON BLACK LT-1 | CAN] ALUMINUM [ALUMINUM LT-
P1 | RES | END | PHY] SEAL [ETHYLENE/PROPYLENE/DIENE
TERPOLYMER (EPDM) LT-UNK CARBON BLACK LT-1 | CAN
HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES
(MINERAL OIL) (PARAFFINIC PROCESS OIL) LT-1 | CAN | MUL BENZENE,
ETHENYL-, POLYMER WITH 1,3-BUTADIENE, HYDROGENATED LT-UNK]
WOOL [SHEEPS WOOL NoGS] PMMA [POLYMETHYL METHACRYLATE
(PMMA) LT-P1 | RES] POLYETHER SULFONE [POLYETHER SULFONE
NoGS] PBT GF30 [PBT GF30 NoGS] ABS [ACRYLONITRILE-BUTADIENE-
STYRENE COPOLYMER LT-UNK] CARDBOARD [KRAFT PAPER NoGS

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen
Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The Material "Electronics" is regarded as Special Condition Material by the HPD Collaborative and thus isn't fully screened. All of the Electronics in Framery Q are RoHS compliant.

POLYVINYL ACETATE (PVA) [LT-UNK] POLYCARBONATE []
POLYCARBONATE [LT-UNK] PVC [] POLYVINYL CHLORIDE (PVC) [LT-P1] |
RES] SILICONE SEALANT [] SILOXANES AND SILICONES, DI-ME,
HYDROXY-TERMINATED [BM-2] POLYDIMETHYLSILOXANES [LT-P1] | PBT
SILICA, AMORPHOUS [LT-P1] | CAN DISTILLATES (PETROLEUM),
HYDROTREATED MIDDLE [LT-1] | CAN | MUL] ELECTRONICS [] PRINTED
CIRCUIT BOARD (PCB) [NoGS] | RES | END | PHY] BRASS [] BRASS [NoGS] |]
CHROMED STAINLESS STEEL [] STAINLESS STEEL [NoGS] CHROMIUM [LT-
P1] | RES | END | SKI] WOOD GLUE [] POLYVINYL ACETATE (PVA) [LT-UNK]]
TINNED COPPER [] COPPER [LT-UNK] TIN [LT-UNK]] PET [] POLYETHYLENE
TEREPHTHALATE (PET) [LT-UNK]] PDMS [] POLYDIMETHYLSILOXANES [LT-
P1] | PBT] WOOD [] WOOD [NoGS]] ZINC [] ZINC [LT-P1] | AQU | END | MUL |
PHY]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: Emissions testing according to ISO 16000-6
Other: IEC CB Scheme
Multi-attribute: CE marking
Other: SGS NA NRTL

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: 2018-08-23
PUBLISHED DATE: 2018-09-03
EXPIRY DATE: 2021-08-23



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

BIRCH PLYWOOD

#: 33.9387 - 38.3545

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Range is given since the weight of the plywood parts vary due to humidity. If any residuals or impurities would be present, those residuals or impurities would be noticed during the quality inspection of the plywood parts and so there aren't expected to be any impurities above the Content Inventory Threshold.

BIRCH (BIRCH PLYWOOD)

ID: Not registered

#: 83.6000 - 91.0000

GS: NoGS

RC: UNK

NANO: No

ROLE: Wood used in plywood.

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given from supplier provided information.

PHENOL FORMALDEHYDE

ID: 9003-35-4

#: 6.9000 - 7.5000

GS: LT-P1

RC: UNK

NANO: No

ROLE: Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Range is given from supplier provided information. Added during the plywood manufacturing process and forms plywood with hardener and birch wood veneers.

WATER (WATER)

ID: 558440-22-5

#: 5.0000 - 8.0000

GS: NoGS

RC: None

NANO: No

ROLE: Moisture in the wood

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

#: **0.3800 - 1.2000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Part of hardener**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given from supplier provided information. Hardener is added during the plywood manufacturing process.

CELLULOSE, MICROCRYSTALLINE (CELLULOSE)

ID: 9004-34-6

#: **0.1500 - 0.6000** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Part of hardener**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given from supplier provided information. Hardener is added during the plywood manufacturing process.

SODIUM CARBONATE

ID: 497-19-8

#: **0.0800 - 0.2400** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Part of hardener**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

SUBSTANCE NOTES: Range is given from supplier provided information. Hardener is added during the plywood manufacturing process.

AMMONIUM CHLORIDE

ID: 12125-02-9

#: **0.0500 - 0.1200** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Part of hardener**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Range is given from supplier provided information. Hardener is added during the plywood manufacturing process.

LAMINATED GLASS

#: **29.1300**

HPD URL: **N/A**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: If any residuals or impurities would be present, those residuals or impurities would be noticed during the quality inspection of the glasses and so there aren't expected to be any impurities above the Content Inventory Threshold.

SOLID / PLATE GLASS (FLOAT GLASS)

ID: 65997-17-3

#: 100.0000 GS: LT-UNK RC: UNK NANO: No ROLE: Glass

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

SUBSTANCE NOTES: The material consists fully of this substance.

STAINLESS STEEL

#: 19.3390

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: If any residuals or impurities would be present, those residuals or impurities would be noticed during the quality inspection of the stainless steel parts and so there aren't expected to be any impurities above the Content Inventory Threshold.

304 STAINLESS STEEL (STAINLESS STEEL)

ID: 12597-68-1

#: 100.0000 GS: NoGS RC: UNK NANO: No ROLE: Stainless steel

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

SUBSTANCE NOTES: The material consists fully of this substance.

POLYURETHANE

#: 3.2540

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Material consists fully of this substance. If any residuals or impurities would be present, those residuals or impurities would be noticed during the quality inspection of the polyurethane parts and so there aren't expected to be any impurities above the Content Inventory Threshold.

POLYURETHANE FOAMS

ID: 9009-54-5

%: **100.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Foam**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: The material consists fully of this substance.

ACOUSTIC PANELS

%: **2.4160**

HPD URL: N/A

PRODUCT THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: If any residuals or impurities would be present, those residuals or impurities would be noticed during the quality inspection of the acoustic panel parts and so there aren't expected to be any impurities above the Content Inventory Threshold.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

%: **100.0000** GS: **LT-UNK** RC: **PostC** NANO: **No** ROLE: **PET**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: The material consists fully of this substance. Supplier has stated that part of the PET is recycled.

FELT SHEET

%: **2.2974**

HPD URL: N/A

PRODUCT THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: If any residuals or impurities would be present, those residuals or impurities would be noticed during the quality inspection of the felt parts and so there aren't expected to be any impurities above the Content Inventory Threshold.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

%: **100.0000** GS: **LT-UNK** RC: **PostC** NANO: **No** ROLE: **PET**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: The material consists fully of this substance. Supplier has stated that "30% of our felt material is made from recycled material".

FORMPRESSED BIRCH PLYWOOD

%: 1.8848 - 2.1174

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Range is given since the weight of the plywood parts vary due to humidity. If any residuals or impurities would be present, those residuals or impurities would be noticed during the quality inspection of the formpressed plywood parts and so there aren't expected to be any impurities above the Content Inventory Threshold.

BIRCH (BIRCH PLYWOOD)

ID: Not registered

%: 83.6000 - 91.0000 GS: NoGS RC: UNK NANO: No ROLE: Wood used in plywood.

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given from supplier provided information.

UREA FORMALDEHYDE

ID: 9011-05-6

%: 7.5000 GS: LT-P1 RC: UNK NANO: No ROLE: Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Adhesive substance in formpressed plywood

WATER (WATER)

ID: 558440-22-5

%: 5.0000 - 8.0000 GS: NoGS RC: None NANO: No ROLE: Moisture in the wood

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given because plywood moisture content depends on humidity. Other CAS RN: 7732-18-5

KAOLIN

ID: 12198-85-5

%: 0.1000 - 0.6000 GS: NoGS RC: UNK NANO: No ROLE: Part of hardener

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given to protect intellectual property of the hardener manufacturer.

FORMIC ACID

ID: 64-18-6

#: 0.1000 - 0.6000 GS: BM-2 RC: UNK NANO: No ROLE: Part of hardener

HAZARDS: AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION EU - GHS (H-Statements) H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: Range is given to protect intellectual property of the hardener manufacturer.

RESORCINOL

ID: 108-46-3

#: 0.0100 - 0.9000 GS: LT-P1 RC: UNK NANO: No ROLE: Part of hardener

HAZARDS: AGENCY(IES) WITH WARNINGS:

ENDOCRINE EU - Priority Endocrine Disruptors Category 1 - In vivo evidence of Endocrine Disruption Activity

ACUTE AQUATIC EU - GHS (H-Statements) H400 - Very toxic to aquatic life

SKIN IRRITATION EU - GHS (H-Statements) H315 - Causes skin irritation

EYE IRRITATION EU - GHS (H-Statements) H319 - Causes serious eye irritation

ENDOCRINE ChemSec - SIN List Endocrine Disruption

ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

SKIN SENSITIZE MAK Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Range is given to protect intellectual property of the hardener manufacturer.

STEEL

#: 1.5300

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: If any residuals or impurities would be present, those residuals or impurities would be noticed during the installation of steel parts and so there aren't expected to be any impurities above the Content Inventory Threshold.

STEEL

ID: 12597-69-2

#: 100.0000 GS: NoGS RC: UNK NANO: No ROLE: Steel

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: The material consists fully of this substance.

PVB %: 0.9310 HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: If any residuals or impurities would be present in PVB, those residuals or impurities would be noticed during the quality inspection of the glasses and so there aren't expected to be any impurities above the Content Inventory Threshold.

POLYVINYL BUTYRAL (PVB) ID: 63148-65-2

#: 100.0000 GS: LT-UNK RC: UNK NANO: No ROLE: Acoustical material

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: The material consists fully of this substance.

NYLON 66 %: 0.6550 HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: If there would be any residuals or impurities above the Content Inventory Threshold level, those residuals or impurities would be noticed since amount of the material in the end product is low.

NYLON 6,6 ID: 32131-17-2

#: 100.0000 GS: LT-UNK RC: UNK NANO: No ROLE: Nylon 66

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: The material consists fully of this substance.

GALVANIZED STEEL

%: 0.6346

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: If any residuals or impurities would be present, those residuals or impurities would be noticed when the galvanized steel parts are handled and so there aren't expected to be any impurities above the Content Inventory Threshold.

STEEL

ID: 12597-69-2

%: 98.5000 - 99.9000 GS: NoGS RC: UNK NANO: No ROLE: Steel part of galvanized steel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given since the galvanizing varies depending on the galvanized steel component.

ZINC

ID: 7440-66-6

%: 0.1000 - 1.5000 GS: LT-P1 RC: UNK NANO: No ROLE: Zinc part of galvanized steel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H260 - In contact with water releases flammable gases which may ignite spontaneously

SUBSTANCE NOTES: Range is given since the galvanizing varies depending on the galvanized steel component.

FORMICA LAMINATE

%: 0.4500

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: If there would be any residuals or impurities above the Content Inventory Threshold level, those residuals or impurities would be noticed since amount of the material in the end product is low.

KRAFT PAPER

ID: **Not registered**

#: **60.0000 - 77.0000** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Kraft paper**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given from supplier provided information.

PHENOL FORMALDEHYDE

ID: **9003-35-4**

#: **20.0000 - 25.0000** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Resin**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Range is given from supplier provided information.

MELAMINE FORMALDEHYDE

ID: **94645-56-4**

#: **5.0000 - 12.0000** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Resin**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given from supplier provided information.

MAGNET

#: **0.3370**

HPD URL: **N/A**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: If there would be any residuals or impurities above the Content Inventory Threshold level, those residuals or impurities would be noticed since amount of the material in the end product is low.

STEEL

ID: **12597-69-2**

#: **58.5000 - 59.5000** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Steel part of magnets**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Amount of steel depends on the size of the magnet.

NEODYMIUM-IRON-BORON ALLOY

ID: 918106-59-9

#: 38.5000 - 39.5000 GS: NoGS RC: UNK NANO: No ROLE: Magnetic alloy

HAZARDS:

AGENCY(IES) WITH WARNINGS:

| | | |
|----------------------------|--------------------------------------------|---------------------------------------------------------------|
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements) | H228 - Flammable solid |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements) | H250 - Catches fire spontaneously if exposed to air |
| SKIN IRRITATION | EU - GHS (H-Statements) | H315 - Causes skin irritation |
| EYE IRRITATION | EU - GHS (H-Statements) | H319 - Causes serious eye irritation |
| ORGAN TOXICANT | EU - GHS (H-Statements) | H335 - May cause respiratory irritation |
| ACUTE AQUATIC | EU - Manufacturer REACH hazard submissions | H402 - Aquatic Acute 3 - Harmful to aquatic life (unverified) |
| CHRON AQUATIC | EU - GHS (H-Statements) | H412 - Harmful to aquatic life with long lasting effects |

SUBSTANCE NOTES: Amount of neodymium-iron-boron alloy depends on the size of the magnet.

POWDER PAINT

#: 0.2550

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Colours are black and white, because these colours are used in the standard models. If there would be any residuals or impurities above the Content Inventory Threshold level, those residuals or impurities would be noticed since amount of the material in the end product is low.

POLYESTER

ID: 113669-95-7

#: 50.0000 - 70.0000 GS: NoGS RC: UNK NANO: No ROLE: Adhesive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given to protect powder coat manufacturer intellectual property.

UNDISCLOSED

ID: Not Registered

#: 5.0000 - 50.0000 GS: NoGS RC: UNK NANO: No ROLE: Filler and auxiliary agents

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SUBSTANCE NOTES: Range is given since the amount of fillers and auxiliary agents depend on the colour. Powder paint supplier identifies that as the powder paint is applied to the metallic parts of the product, the chemistry of the powder paint filler and auxiliary agents is changed and thus a specific CAS number listing is incredibly difficult. HPDC recognises these reaction products as Special Condition in Version SC-1.0. Hazards have been identified from the supplier provided SDS.

TITANIUM DIOXIDE

ID: 13463-67-7

| HAZARDS: | AGENCY(IES) WITH WARNINGS: | |
|----------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------|
| %: 0.0000 - 30.0000 | GS: LT-1 | RC: UNK |
| | | NANO: No |
| | | ROLE: Pigment |
| 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 |
| CANCER | MAK | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |

SUBSTANCE NOTES: Range is given to protect powder coat manufacturer intellectual property and because the pigment depends on the colour. Baan (2007) has stated that "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints." (Reference: Baan R. Carcinogenic Hazards from Inhaled Carbon Black, Titanium Dioxide, and Talc not Containing Asbestos or Asbestiform Fibers: Recent Evaluations by an IARC Monographs Working Group. Inhalation Toxicology [serial online]. August 2, 2007;19:213-228. Available from: Academic Search Elite, Ipswich, MA. Accessed September 3, 2018.)

CARBON BLACK

ID: 1333-86-4

| HAZARDS: | AGENCY(IES) WITH WARNINGS: | |
|---------------------------|-----------------------------------|----------------------------------------------------------------------------------------------|
| %: 0.0000 - 1.0000 | GS: LT-1 | RC: UNK |
| | | NANO: No |
| | | ROLE: Pigment |
| 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: Range is given to protect powder coat manufacturer intellectual property and because the pigment depends on the colour. Baan (2007) has stated that "No significant exposure to carbon black is thought to occur during the use of products in which carbon black is bound to other materials, such as rubber, printing ink, or paint." (Reference: Baan R. Carcinogenic Hazards from Inhaled Carbon Black, Titanium Dioxide, and Talc not Containing Asbestos or Asbestiform Fibers: Recent Evaluations by an IARC Monographs Working Group. Inhalation Toxicology [serial online]. August 2, 2007;19:213-228. Available from: Academic Search Elite, Ipswich, MA. Accessed September 3, 2018.)

ALUMINUM

%: 0.2361

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 4% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

ALUMINUM

ID: 91728-14-2

%: 100.0000 GS: LT-P1 RC: UNK NANO: No ROLE: Aluminum

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H228 - Flammable solid

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H261 - In contact with water releases flammable gases

SUBSTANCE NOTES: Material consists fully of this substance. Hazards identified concern aluminum in powder or fumigated state. Aluminum parts used in Framery products are machined or extruded solid aluminum parts and thus the hazards identified do not concern the parts used in Framery's products.

SEAL

%: 0.1784

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 5% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

%: 20.0000 - 60.0000 GS: LT-UNK RC: UNK NANO: No ROLE: Seal

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given from the supplier provided information. Range is also given since the seal substances are dependent on the seal.

CARBON BLACK

ID: 1333-86-4

| | | |
|----------|-----------------------------------|----------------------------------------------------------------------------------------------|
| HAZARDS: | AGENCY(IES) WITH WARNINGS: | |
| 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: Range is given from the supplier provided information. Range is also given since the seal substances are dependent on the seal. Baan (2007) has stated that "No significant exposure to carbon black is thought to occur during the use of products in which carbon black is bound to other materials, such as rubber, printing ink, or paint." (Reference: Baan R. Carcinogenic Hazards from Inhaled Carbon Black, Titanium Dioxide, and Talc not Containing Asbestos or Asbestiform Fibers: Recent Evaluations by an IARC Monographs Working Group. Inhalation Toxicology [serial online]. August 2, 2007;19:213-228. Available from: Academic Search Elite, Ipswich, MA. Accessed September 3, 2018.)

HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL) (PARAFFINIC PROCESS OIL)

ID: 64742-54-7

| | | |
|----------|----------------------------|------------------------------------------------------------------------------------------------|
| HAZARDS: | AGENCY(IES) WITH WARNINGS: | |
| HAZARDS: | AGENCY(IES) WITH WARNINGS: | |
| CANCER | EU - GHS (H-Statements) | H350 - May cause cancer |
| CANCER | EU - REACH Annex XVII CMRs | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| MULTIPLE | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| CANCER | EU - Annex VI CMRs | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence |
| CANCER | Australia - GHS | H350 - May cause cancer |

SUBSTANCE NOTES: Range is given from the supplier provided information. Range is also given since the seal substances are dependent on the seal.

BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE, HYDROGENATED

ID: 66070-58-4

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

SUBSTANCE NOTES: Range is given from the supplier provided information. Range is also given since the seal substances are dependent on the seal.

WOOL

#: 0.1727

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 5% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

SHEEPS WOOL

ID: Not registered

#: 100.0000

GS: NoGS

RC: UNK

NANO: No

ROLE: Wool

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The material consists fully of this substance.

PMMA

#: 0.1454

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 5% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

POLYMETHYL METHACRYLATE (PMMA)

ID: 9011-14-7

#: 100.0000

GS: LT-P1

RC: UNK

NANO: No

ROLE: PMMA

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Material consists fully of this substance.

POLYETHER SULFONE

#: 0.1103

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 5% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

POLYETHER SULFONE

ID: 25667-42-9

#: 100.0000 GS: NoGS RC: UNK NANO: No ROLE: Polyether sulfone

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The material consists fully of this substance.

PBT GF30

#: 0.1083

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 5% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

PBT GF30

ID: Not registered

#: 100.0000 GS: NoGS RC: UNK NANO: No ROLE: PBT GF30

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The material consists fully of this substance.

ABS

#: 0.0809

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 10% of the

weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER

ID: 9003-56-9

#: **100.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **ABS plastic**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The material consists fully of this substance.

CARDBOARD

#: **0.0769**

HPD URL: N/A

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 10% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

KRAFT PAPER

ID: **Not registered**

#: **85.0000 - 95.0000** GS: **NoGS** RC: **PostC** NANO: **No** ROLE: **Kraft paper**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given from supplier provided information. Supplier has informed that the kraft paper used is recycled.

POLYVINYL ACETATE (PVA)

ID: 9003-20-7

#: **5.0000 - 15.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **PVAc**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given from supplier provided information.

POLYCARBONATE

#: **0.0688**

HPD URL: N/A

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content

Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 10 % of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

POLYCARBONATE

ID: 25037-45-0

%: **100.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Polycarbonate**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The material consists fully of this substance.

PVC

%: **0.0540**

HPD URL: N/A

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 5% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: **100.0000** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **PVC**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: The material consists fully of this substance.

SILICONE SEALANT

%: **0.0417**

HPD URL: N/A

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 5% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED

ID: 70131-67-8

%: **50.0000 - 60.0000** GS: **BM-2** RC: **UNK** NANO: **No** ROLE: **Adhesive**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given from supplier provided information.

POLYDIMETHYLSILOXANES

ID: 63148-62-9

%: **15.0000 - 20.0000** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Adhesive**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

PBT EC - CEPA DSL Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans

SUBSTANCE NOTES: Range is given from supplier provided information.

SILICA, AMORPHOUS

ID: 7631-86-9

%: **5.0000 - 10.0000** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Adhesive**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER Japan - GHS Carcinogenicity - Category 1A

CANCER Australia - GHS H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Range is given from supplier provided information.

DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE

ID: 64742-46-7

%: **1.0000 - 10.0000** GS: **LT-1** RC: **UNK** NANO: **No** ROLE: **Adhesive**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER EU - GHS (H-Statements) H350 - May cause cancer

CANCER EU - REACH Annex XVII CMRs Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man

MULTIPLE ChemSec - SIN List CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

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

CANCER EU - Annex VI CMRs Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

CANCER Australia - GHS H350 - May cause cancer

ELECTRONICS

%: 0.0378

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Special Condition Applied: Electronics

PRINTED CIRCUIT BOARD (PCB)

ID: Not Registered

%: 100.0000 GS: NoGS RC: UNK NANO: No ROLE: Printed Circuit Board

HAZARDS:

AGENCY(IES) WITH WARNINGS:

| | | |
|----------------------------|---------------------------------------|-------------------------------------------------------------|
| RESPIRATORY | AOEC - Asthmagens | Asthmagen (ARs) - sensitizer-induced - inhalable forms only |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements) | H228 - Flammable solid |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements) | H250 - Catches fire spontaneously if exposed to air |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements) | H261 - In contact with water releases flammable gases |

SUBSTANCE NOTES: Version = SCElec/2018-02-23. Electronics used to control the electrical sockets, lights and fans in the product. All electronics in Framery O are RoHS compliant. As a take-back program Framery is member of Elker: <http://www.elker.fi/en/producers/producer-responsibility/producer-responsibility>. Hazards have been identified from the aluminum contained in the electronics. Aluminum used in electronics is in solid state form and thus the hazards don't concern the electronics (Check further information from the "Aluminum" material).

BRASS

%: 0.0327

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 30% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

BRASS

ID: 63338-02-3

%: 100.0000 GS: NoGS RC: UNK NANO: No ROLE: Brass alloy

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SUBSTANCE NOTES: The material consists fully of this substance. Substance hazards have been identified from a SDS about Brass.

CHROMED STAINLESS STEEL

#: 0.0268

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 30% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

STAINLESS STEEL

ID: 12597-68-1

#: 95.0000 GS: NoGS RC: UNK NANO: No ROLE: Stainless steel core of chromed stainless steel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Works as a structural substance.

CHROMIUM

ID: 7440-47-3

#: 5.0000 GS: LT-P1 RC: UNK NANO: No ROLE: Chrome coating in chromed stainless steel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Works as the surface material.

WOOD GLUE

#: 0.0268

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 30% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

POLYVINYL ACETATE (PVA)

ID: 9003-20-7

#: **99.0000 - 99.5000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Adhesive**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given from supplier provided information.

TINNED COPPER

#: **0.0253**

HPD URL: N/A

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 30% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

COPPER

ID: 7440-50-8

#: **97.8000 - 99.5000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Copper part of tinned copper**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given since the tin layer varies depending on the tinned copper component.

TIN

ID: 7440-31-5

#: **0.5000 - 2.2000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Tin part of tinned copper**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range is given since the tin layer varies depending on the tinned copper component.

PET

#: **0.0194**

HPD URL: N/A

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 30% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

#: 100.0000 GS: LT-UNK RC: UNK NANO: No ROLE: PET

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Material consists fully of this substance.

PDMS

#: 0.0164

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 50% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.

POLYDIMETHYLSILOXANES

ID: 63148-62-9

#: 100.0000 GS: LT-P1 RC: UNK NANO: No ROLE: PDMS

HAZARDS:

AGENCY(IES) WITH WARNINGS:

PBT

EC - CEPA DSL

Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans

SUBSTANCE NOTES: The material consists fully of this substance.

WOOD

#: 0.0138

HPD URL: N/A

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Residuals or impurities above the Content Inventory Threshold level would make over 50% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to

be present in the material.

WOOD

ID: **Not registered**

%: **100.0000** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Wood**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Material consists fully of this substance. The wood is Ash wood.**

ZINC

%: **0.0122**

HPD URL: **N/A**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS as predicted by process chemistry (Pharos CML).**

OTHER MATERIAL NOTES: **Residuals or impurities above the Content Inventory Threshold level would make over 50% of the weight of the material and so residuals and impurities above the Content Inventory Threshold level aren't expected to be present in the material.**

ZINC

ID: **7440-66-6**

%: **100.0000** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Zinc**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H260 - In contact with water releases flammable gases which may ignite spontaneously

SUBSTANCE NOTES: **The material consists fully of this substance.**

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

Emissions testing according to ISO 16000-6

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **VTT Technical**

APPLICABLE FACILITIES: **All**

01-29

Research Centre of Finland

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Analysis method used for TVOC emissions was EN ISO 16000-6 and for formaldehyde EN 717-1. The laboratory has stated the following: "The total VOC concentration TVOC measured inside the pod 1-2 days after the air exchange has been continuously on correspond to a normal level measured in Finnish offices (<100 µg/m³). The amount and composition of the VOC compounds are normal for offices, except for acetic acid and decamethyl-cyclopentasiloxane, which were at 10-20 µg/m³(as toluene equivalents) higher than normally measured". This means that the exposure to decamethyl-cyclopentasiloxane is about 0.0007 to 0.0013 ppm and to acetic acid about 0.004 to 0.009 ppm.**

OTHER

IEC CB Scheme

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **SGS Fimko**

APPLICABLE FACILITIES: **All**

04-25

Ltd.

CERTIFICATE URL:

**[https://www.sgs.com/en/certified-clients-and-products/electrical-products/modal-electrical-certificate-view?](https://www.sgs.com/en/certified-clients-and-products/electrical-products/modal-electrical-certificate-view?certno=FI+9050+M2%7cProcert)
[certno=FI+9050+M2%7cProcert](https://www.sgs.com/en/certified-clients-and-products/electrical-products/modal-electrical-certificate-view?certno=FI+9050+M2%7cProcert)**

CERTIFICATION AND COMPLIANCE NOTES: **Safety of electrical and electronic components. The electrical safety of our products is tested and found to meet CB requirements by an accredited testing laboratory, SGS Finland, as indicated by the CB test certificate. Furthermore, our products are NRTL certified in the USA and Canada.**

MULTI-ATTRIBUTE

CE marking

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **None**

APPLICABLE FACILITIES: **All**

02-01

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Framery's products are CE marked. EC directives relevant to Framery's CE marking are: Low Voltage Directive (LVD) 2006/95/EC, Electromagnetic Compatibility Directive (EMC) 2004/108/EC, Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU and Ecodesign Directive 2009/125/EC**

OTHER

SGS NA NRTL

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **SGS North**

APPLICABLE FACILITIES: **All**

05-15

America Inc.

CERTIFICATE URL: **[https://www.sgs.com/en/certified-clients-and-products/electrical-products/modal-electrical-certificate-view?](https://www.sgs.com/en/certified-clients-and-products/electrical-products/modal-electrical-certificate-view?certno=SGSNA%2f17%2fSUW%2f00038%7cProcert)**

[certno=SGSNA%2f17%2fSUW%2f00038%7cProcert](https://www.sgs.com/en/certified-clients-and-products/electrical-products/modal-electrical-certificate-view?certno=SGSNA%2f17%2fSUW%2f00038%7cProcert)

CERTIFICATION AND COMPLIANCE NOTES: **Safety of electrical and electronic components.**

SUSTAINABLE FORESTRY

PEFC International Sustainability Benchmark - from sustainably managed forests Chain of custody

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE: **2019-**

CERTIFIER OR LAB: **DNV**

APPLICABLE FACILITIES: **All**

01-23

06-30

CERTIFICATION OY/AB

CERTIFICATE URL:

<https://www.koskisen.com/file/pefc-certificate/?download>

CERTIFICATION AND COMPLIANCE NOTES: **Applies to all of the plywood parts.**

SUSTAINABLE FORESTRY

FSC Certification - Chain of Custody (COC)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2013-**

EXPIRY DATE: **2023-**

CERTIFIER OR LAB: **DNV GL**

APPLICABLE FACILITIES: **All**

05-17

05-16

CERTIFICATE URL:

<https://www.koskisen.com/file/fsc-certificate/?download>

CERTIFICATION AND COMPLIANCE NOTES: **Applies to all of the plywood parts.**

OTHER

EU Ecolabel - Textiles

CERTIFYING PARTY: **Third Party**

ISSUE DATE:

EXPIRY DATE:

CERTIFIER OR LAB:

APPLICABLE FACILITIES: **All**

2017-11-01

2020-12-05

Ecolabeling Denmark

CERTIFICATE URL:

<https://static.kvadrat.dk/assets/pdf/collection/environment/a4/e-1221-seu-ecolabel-certificate.pdf>

CERTIFICATION AND COMPLIANCE NOTES: **Applies to the fabrics used in the sofas.**



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

Other possible MasterFormat classifications: 13 22 00 (Office Shelters and Booths), 13 20 00 (Special Purpose Rooms), 13 21 48 (Sound-Conditioned Rooms). This HPD has been compiled according to the standard model of Framery Q, which is the Meeting Maggie version. This HPD applies also to the Working with PAL 90, Working with PAL 110, Betty's Café, MeTime and NapQ models and their variants since the weight difference isn't over 10% between the models and they function is similarly.



MANUFACTURER INFORMATION

MANUFACTURER: **Framery Oy**

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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.