

CLASSIFICATION: 06060

created via: HPDC Online Builder

PRODUCT DESCRIPTION: The product is a medium density fibreboard (MDF), wood based panel manufacturer by FINSA (FINANCIERA MADERERA, S.A.)

**Section 1: Summary**

**Basic Method / Product Threshold**

**CONTENT INVENTORY**

**Inventory Reporting Format**

- Nested Materials Method
- Basic Method

**Threshold Disclosed Per**

- Material
- Product

**Threshold level**

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

**Residuals/Impurities**

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

**Characterized**  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**

**FIBRAPLAST [ POLYMERIC MDI (PMDI) (POLYMERIC MDI (PMDI)) LT-UNK | RES | MUL | CAN ISOCYANIC ACID (ISOCYANIC ACID) NoGS METHYLENE BISPHENYL DIISOCYANATE (PURE MDI) (METHYLENE BISPHENYL DIISOCYANATE (PURE MDI)) LT-UNK | MAM | EYE | SKI | CAN | RES | MUL PARAFFIN (PARAFFIN) LT-UNK ISOCYANATES NoGS ]**

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

**INVENTORY AND SCREENING NOTES:**

This HPD was prepared considering: - Material Safety Data Sheets; - Technical Data Sheet; - Test report; - certification; - Self declaration made by the manufacturer. Residuals and impurities are considered but no quantified.

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

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

Formaldehyde emissions: CARB Composite Wood ATCM CA 93120 No-Added Formaldehyde (NAF)  
Sustainable forestry: FSC Certification - Chain of Custody (COC)  
Other: EPD

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-12-22

PUBLISHED DATE: 2017-12-30

EXPIRY DATE: 2020-12-22

## 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](http://www.hpd-collaborative.org/hpd-2-1-standard)

### FIBRAPLAST

PRODUCT THRESHOLD: Per OSHA MSDS

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: The residuals and impurities are considered but not quantified.

OTHER PRODUCT NOTES: The formaldehyde emissions have been tested. The product fulfils with the requirements of the Air Resources Board of the State of California (CARB) as stated in the Executive Order N-16-079 relating to ARB-Approval to use No-Added Formaldehyde Resins by Composite Wood Products Manufacturers under section 93120.3, title 17, California Code of Regulations.

#### POLYMERIC MDI (PMDI) (POLYMERIC MDI (PMDI))

ID: 9016-87-9

#: **4.5000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Resins**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
RESPIRATORY	AOEC - Asthmagens Asthmagen (G) - generally accepted
RESTRICTED LIST	US EPA - PPT Chemical Action Plans EPA Chemical of Concern - Action Plan published
RESPIRATORY	US EPA - PPT Chemical Action Plans Inhalation sensitizer causing asthma and lung damage
CANCER	MAK Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RESPIRATORY	MAK Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Resins used for the MDF

#### ISOCYANIC ACID (ISOCYANIC ACID)

ID: 75-13-8

#: **3.0000 - 4.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Ingredient**

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

SUBSTANCE NOTES: Ingredient in the MDF

#### METHYLENE BISPHENYL DIISOCYANATE (PURE MDI) (METHYLENE BISPHENYL DIISOCYANATE (PURE MDI))

ID: 101-68-8

#: 3.0000 - 4.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Ingredient

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
RESPIRATORY	EU - R-phrases	R42 - May cause sensitization by inhalation
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ORGAN TOXICANT	EU - R-phrases	R48 - Danger of serious damage to health by prolonged exposure.
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
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
RESPIRATORY	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Ingredient of the MDF

### PARAFFIN (PARAFFIN)

ID: 8002-74-2

#: 0.2100 - 0.3200

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: Ingredient added by the manufacturer of the MDF

### ISOCYANATES

ID: Not registered

#: 0.0000

GS: NoGS

RC: None

NANO: No

ROLE: Ingredient

HAZARDS:	AGENCY(IES) WITH WARNINGS:	

SUBSTANCE NOTES: Ingredient in the MDF

## 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.

### FORMALDEHYDE EMISSIONS

#### CARB Composite Wood ATCM CA 93120 No-Added Formaldehyde (NAF)

CERTIFYING PARTY: Third Party

ISSUE DATE: 2016-

EXPIRY DATE:

CERTIFIER OR LAB: ARB

APPLICABLE FACILITIES: ALL

12-30

CERTIFICATE URL:

[https://www.arb.ca.gov/toxics/compwood/naf\\_ulef/n079.pdf](https://www.arb.ca.gov/toxics/compwood/naf_ulef/n079.pdf)

CERTIFICATION AND COMPLIANCE NOTES: Fibraplast NAF fulfils with the requirements of the Air Resources Board of the State of California (CARB) as stated in the Executive Order N-16-079 relating to ARB-Approval to use No-Added Formaldehyde Resins by Composite Wood Products Manufacturers under section 93120.3, title 17, California Code of Regulations.

### SUSTAINABLE FORESTRY

#### FSC Certification - Chain of Custody (COC)

CERTIFYING PARTY: Third Party

ISSUE DATE: 2015-01-

EXPIRY DATE: 2020-

CERTIFIER OR LAB: FSC

APPLICABLE FACILITIES: ALL

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CERTIFICATE URL: [https://info.fsc.org/details.php?](https://info.fsc.org/details.php?id=a0240000005bb37aaa&type=certificate)

[id=a0240000005bb37aaa&type=certificate](https://info.fsc.org/details.php?id=a0240000005bb37aaa&type=certificate)

CERTIFICATION AND COMPLIANCE NOTES: FINSA complies with the requirements of FSC-STD-40-005 for Controlled Wood. Certification code TT-COC-003279

### OTHER

#### EPD

CERTIFYING PARTY: Third Party

ISSUE DATE: 2017-09-

EXPIRY DATE: 2022-

CERTIFIER OR LAB: EPD®

APPLICABLE FACILITIES: ALL

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09-12

International System

CERTIFICATE URL: [https://www.igbc.ie/wp-](https://www.igbc.ie/wp-content/uploads/2017/10/epd273_FINSA_MDF_2017.pdf)

[content/uploads/2017/10/epd273\\_FINSA\\_MDF\\_2017.pdf](https://www.igbc.ie/wp-content/uploads/2017/10/epd273_FINSA_MDF_2017.pdf)

CERTIFICATION AND COMPLIANCE NOTES:

## Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

## Section 5: General Notes

No notes

## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **ASTER CUCINE SPA**  
ADDRESS: **VIA FERRARO MANLIO SN**  
**Pesaro Pesaro Urbino 61122, Italia**  
WEBSITE: **www.astercucine.it**

CONTACT NAME: **LUCA EUSEBI**  
TITLE: **Product Manager**  
PHONE: **0721281276**  
EMAIL: **luca.e@astercucine.it**

### 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

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

### GreenScreen (GS)

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

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*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.*