

ENVIRONMENTAL DATA SHEET

MEDIUM DENSITY FIBERBOARD (MDF)



INGREDIENTS ET EMISSIONS (CONTINUED)

DECLARATION OF CHEMICAL INGREDIENTS



Type of declaration: Health Product Declaration® (HPD®) version 1.0

Period of validity: March 2016 to March 2019

The content of Uniboard medium density fiberboard (MDF) was assessed for health hazard warnings as required using Pharos¹.

Health Product Declaration® URL: <https://builder.hpd-collaborative.org/uploads/files/hpds/1469/4122-20160610135132.pdf>

The Health Product Declaration® and logo is owned by the Health Product Declaration® Collaborative and is used with permission.

Declaration: Self-declared Third Party

Ingredients inventory threshold: 1,000 ppm

Full disclosure of intentional ingredients: Yes

Full disclosure of known hazards: Yes

Hazards associated with the product ingredients

Contents in Descending Order of Quantity

Wood dust - unspecified, MELAMINE-UREA-FORMALDEHYDE (MUF), WATER, UREA, Slack Wax (petroleum), MELAMINE, FORMALDEHYDE, PARAFFIN OIL

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other other degradation processes.

Highest concern GreenScreen® scores: List Translator Benchmark 1²

- | | | |
|------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> PBT (persistent, bioaccumulative Toxic) | <input checked="" type="checkbox"/> Respiratory | <input type="checkbox"/> Physical hazard |
| <input checked="" type="checkbox"/> Cancer | <input type="checkbox"/> Neurotoxicity | <input type="checkbox"/> Global warming |
| <input type="checkbox"/> Gene Mutation | <input type="checkbox"/> Mammal | <input type="checkbox"/> Ozone depletion |
| <input type="checkbox"/> Development | <input checked="" type="checkbox"/> Skin or Eye | <input checked="" type="checkbox"/> Multiple |
| <input type="checkbox"/> Reproductive | <input type="checkbox"/> Aquatic toxicity | <input type="checkbox"/> Unknown |
| <input checked="" type="checkbox"/> Endocrine | <input type="checkbox"/> Land toxicity | |

¹Pharos Project: Database that provides human and environmental health information of chemicals, materials and building products. (<https://www.pharosproject.net>).

²Green Screen scores (GS) Benchmarks of chemical ingredients: Benchmark 1 (Avoid, chemical of high concern), Benchmark 2 (Use but search for safer substitutes), Benchmark 3 (Use but still opportunity for improvement), Benchmark 4 (Prefer, safer chemical).

TABLE OF INGREDIENTS

Name	Role	CAS	Weight Ratio	GreenScreen	Note(s) (for more details refer to the HPD®)
Particles wood	Main component	-	80% - 85%	-	-
MUF resin	Binder	25036-13-9	7% - 9%	LT-U ¹	-
Water	Humidity	7732-18-5	4% - 6%	Benchmark 4	!
Urea	Scavenger	57-13-6	1% - 3%	LT-U	-
Slack Wax	Wax	64742-61-6	0% - 1%	LT-1	-
Melamine	Monomer	108-78-1	Residual	LT-P1	-
Formaldehyde	Monomer	50-00-0	Residual	LT-1	-
Paraffin oil	Monomer	8012-95-1	Residual	LT-P1	-

¹GS List Translator (LT) scores of chemical ingredients: LT-1, likely GS Benchmark 1; LT-P1, possible GS Benchmark 1; U-LT or LT-UNK, present on a GS Specified Lists but there is insufficient information to classify the hazard as LT-1 or LT-P1 (does not mean the chemical is safe).

Validated Eco-Declaration—Declaration of Chemical ingredients

Methodology: validation of the documentation confirming the methodology and reporting of chemical ingredients.

Vertima's procedure: VERT-032009-01, First Edition.

The data included in this Environmental Data Sheet has been provided by the client and the suppliers, who are responsible for its veracity and the integrity. Vertima follows a rigorous protocol, including an on-site audit of the factory, an audit of the manufacturer's supply chain documentation, and the analysis and validation of all supporting documents. However, Vertima cannot be held responsible for false or misleading information that may cause any loss or damage suffered, in all or in part, caused by errors and omissions relative to the data collection, compilation and/or interpretation. The analysis protocol used by Vertima is available upon request.

Validated Eco-Declaration:
VED16-1068-04
 Period of validity:
 2017/10 to 2018/10

