

Safety Data Sheet

In accordance with EC Directive 1907/2006/EC

Revision No.: 3

Revision date: 15-1-2013

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1. Identification of the product and company

Trade name	: Marmoleum Click
Application of the product	: Floor covering
Manufacturer/supplier	: Forbo Flooring B.V. Industrieweg 12 1566 JP Assendelft – The Netherlands Telephone: +31 756 477 477

2. Hazards identification

Hazard description	: No particular hazard for persons and the environment known
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3. Composition/information on ingredients

Description	: Linoleum floor covering laminated on HDF board with a cork sheet backing
Ingredients: Linoleum	: Binder composed of vegetable drying oil and natural rosin, mixed with wood flour and limestone pressed on a jute backing. Lacquered with a waterborne UV cured urethane-acrylate hybrid dispersion
HDF	: Mixed Softwood 80-85% Remainder comprises of polymerized resin, paraffin wax, moisture, free formaldehyde (EN 14041 – Class E1)
Cork sheet backing	: Granulated cork with polymerized resin
Hazardous ingredients	: None

4. First-aid measures

After inhalation	: Inhalation of HDF dust can only occur during processing. If inhalation of dust causes adverse effects, move to fresh air. If discomfort persists, seek medical advise.
After skin contact	: In case of irritation from dust generated by processing of HDF, wash with water
After eye contact	: If particles enter the eyes during processing immediately flush eyes with plenty of water. Seek medical advise if irritation persists.
After swallowing	: Not applicable

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5. Fire-fighting measures

Suitable extinguishing media	: Water, foam, carbon dioxide, dry powder
Special hazards from the product itself, its products of combustion or resulting gases	: Hazardous combustion product: Carbon Monoxide
Protective equipment	: Use self-contained breathing apparatus

6. Accidental release measures

Person-related safety precautions	: Not applicable
Measures for environmental protection	: Not applicable
Measures for cleaning/collecting	: Not applicable

7. Handling and storage

Information for safe handling	: No specific measure required
Information about storage	: No specific measure required

8. Exposure controls/personal protection

Ingredients with occupational exposure limits to be monitored	: Not applicable
General protective and hygienic measures	: During processing adequate ventilation and/or extraction should be provided to minimise airborne dust from the HDF.
Respiratory protection	: Use appropriate respiratory protection
Hand protection	: Wear appropriate gloves to prevent skin contact with dust
Eye protection	: Wear eye protection to prevent dust particles entering the eyes
Skin protection	: Wear appropriate clothing to prevent skin contact with dust

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9. Physical and chemical properties

Physical state	: Solid floor covering
Form	: Panel and tile
Colour	: Linoleum: various colours and patterns HDF: beige Cork: brown
Odour	: Weak "linseed oil" odour from the linoleum
Melting point	: Not applicable
Flash point	: Not applicable
Danger of explosion	: Not applicable
Density	: Linoleum: 1150 – 1250 kg/m ³ HDF: 800-900 kg/m ³ Cork sheet: app. 220 kg/m ³
Solubility	: Insoluble in water or conventional solvents

10. Stability and reactivity

Thermal decomposition	: No decomposition up to approx. 450 °C
Hazardous reactions	: No hazardous reactions
Dangerous decomposition products	: No dangerous decomposition products

11. Toxicological information

General information	: No harmful effects have been reported to date
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12. Ecological information

Information about elimination	: Product is biodegradable and can be composted.
Other information	: Insoluble in water

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13. Disposal considerations

Product	:	Incineration with energy recovery is the preferred disposal method. Land filling in a permitted facility is an alternative. All applicable local and national legislation should be consulted before disposal.
Packaging	:	Packaging should be subjected to waste management schemes (recovery recycling) in accordance local and national legislation

14. Transport information

ADR	:	Not restricted
ADNR	:	Not restricted
RID	:	Not restricted
IATA	:	Not restricted
IMDG	:	Not restricted

15. Regulatory information

Labelling in accordance with EC-directives	:	The product does not require a hazard warning label in accordance with EC directives or relevant national laws Regulations on formaldehyde content: The HDF board fulfils the requirements of EN 14041 class E1.
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16. Other information

Department issuing MSDS	:	Quality Assurance
Contact	:	F. Seifert

The information in this Safety Data Sheet is based upon the present knowledge and experience.

The actual facts do not give any information about the qualities and properties of the product.