



DESIGN FLOATING FLOOR

MSDS Material Safety Data Sheet

This Material Safety Data Sheet (MSDS) applies to all CORKART Design Floating Floor products in planks or tiles.

1. IDENTIFICATION OF PRODUCT AND COMPANY

Trade name

Design Floating Floors

Definition

Planks or tiles for loose laid installation, consisting of compact high density fiber board layer, a bonded surface layer of agglomerated cork floor covering and a back layer of soft agglomerated cork. The core material (substrate) is tongued and grooved with a special profile (patented UNICLIC system) to allow the panels to be assembled together mechanically, without the use of glue.

Manufacturer

Corkart – Indústria de Cortiças, S.A.
 Parque Industrial, Lote 20
 7080-341 Vendas Novas
 Telef: +351265809215 Fax: +351265809217
 Informing Department: Product management.

2. COMPOSITION / DATA ON COMPONENTS

NAME	% BY WEIGHT
Cork	23-25
Polyurethane binder	1,5 - 1,7
Solvent-free PVA Adhesive	1-1,2
Polyurethane varnish (1)	0,8 - 1,3
High density wood fiber board (2)	71 -74

(1) For finished floorings

(2) Complies with CLASS E1 (low formaldehyde content) according to EN 120 standard.

3. HAZARDS IDENTIFICATION

Hazards Identification: None for product as sold.

Solid material, manual or mechanical cutting can result in the generation of wood and cork dust.

Wood and cork dust can cause nasal dryness, irritation and obstruction.

Design Floating floors have extremely low concentration of volatile compounds.

HDF boards are of the lowest class (E1) of Formaldehyde content.

4. FIRST AID MEASURES

General information

No special measures required.

Inhalation

No hazards for product as sold. Operations such as milling, cutting, sanding, etc., may produce dust or fines that may be irritating. Remove to fresh air. Wash with soap and water. If irritation or breathing difficulty occurs, get medical advice.

Skin Contact

Solid planks may be abrasive to, or cut skin. Operations such as milling, cutting, sanding, etc., may produce dust that may be irritating. Wash with soap and water. If irritation persists, get medical advice.

Eye Contact

No hazards for product as sold. Operations such as milling, cutting, sanding, etc., may produce dust or fines that may be irritating. Rinse eyes with fresh water. If irritation persists, seek medical attention.

Ingestion

Not an expected route of entry with normal use of product.

5. FIRE FIGHTING MEASURES

Design floating floors do not present any special risk and are not explosion hazard products. Sanding, sawing or machining can result in the generation of wood and cork dust that can present a strong explosion hazard if a dust cloud contacts an ignition source.

Flash Point

N/A

Suitable extinguishing agents

Use extinguishing media appropriate for surrounding fire. Extinguishing powder, sprayed water or foam can be used.

Protective Equipment

Protective clothing and self-contained breathing apparatus may be required.

Products of combustion

Hazardous decomposition products include carbon oxides (CO and CO₂).

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions

Not required.

Measures for environmental protection

Not required

Measures for cleaning/collecting

Dust generated from sawing, sanding, drilling, or routing of products may be vacuumed for recovery or disposal. Avoid dusty conditions and provide good ventilation.

7. HANDLING AND STORAGE

Information for safe handling

No special measures required. Follow normal good hygiene practices. Protect exposed areas from cuts and abrasion. Wear safety glasses when machining the product. Other protective equipment such as gloves or respirators may be needed depending on dust conditions.

Information about protection against explosions and fires

Sanding, sawing or machining can result in the generation of dust that can present an explosion hazard if a dust cloud contacts an ignition source.

Requirements for storage rooms: Storage area has to be indoor, well ventilated and damp free. Further information about storage conditions: To prevent microbiological growing (mould), it is recommendable that air humidity of the warehouse be kept under 60%.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation

No special ventilation requirements for product as sold. Provide adequate ventilation to meet exposure guideline if operations generate dust or chips.

Due to the explosive potential of wood dust when suspended in air, precautions should be taken to prevent sparks or other ignition sources in ventilation equipment.

Personal Protection

General protective and hygienic measures

There is no special risk to health in handling this product. Wear protective equipment such as gloves or respirators when machining the product.

Breathing equipment

Not required. Dust masks when machining the product.

Protection of hands

Cloth, canvas, or leather gloves are recommended to minimize potential mechanical irritation slivers from handling and machining product.

Work/Hygiene Practices

Follow good hygienic and housekeeping practices. Clean up areas where wood dust settles to avoid excessive accumulation of this combustible material. Minimize practices that generate high airborne- dust concentrations.

Eye protection

Not required. Safety glasses are recommended when machining the product.

Exposure Guidelines

Limits Wood Fiber Dust

Occupational Safety and Health Administration (OSHA) Permissible Exposure Limits (PEL)

5mg/m³ respirable; 15mg/m³ Total – 8 hour time weighted average (TWA).

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Solid, in planks or tiles

Colour According to product reference.

Smell Odourless/wood

Boiling point N/A

Freezing/Melting point N/A

Vapour Pressure N/A

Vapour Density N/A

Self-flammability Product is not self igniting.

Danger of explosion Product is not explosive. Density at 20oC: 650-750 Kg/m³

Solubility in/Miscibility with water Not miscible

Viscosity N/A

PH N/A

10. STABILITY AND REACTIVITY

Stability This product is stable when used as intended.

Materials to avoid (incompatibility) None

Conditions to avoid Avoid exposure to open flame.

Hazardous Decomposition Products Thermal decomposition products include carbon oxides (CO and CO₂).

Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicity to Animals

N/A. This product is not expected to be toxic to animals.

Toxicity to Humans

N/A. This product is not expected to be toxic to humans.

Sensitization

No sensitizing effect known.

Additional toxicological information

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

13. DISPOSAL CONSIDERATIONS

Product Recommendation

Disposal according to local legislation. If possible, recycle the product. It may be land filled or incinerated under adherence to the official regulations.

Packaging Recommendation

Recycle. Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

Not regulated as a hazardous material by the U.S. Department of Transportation.
Not listed as a hazardous material in Canadian Transportation of Dangerous Goods (TDG) regulations.

Land transport ADR/RID-GGVS/E Class

N/A

Maritime transport IMDG/GGV Sea Class

N/A

Marine pollutant

No

Air transport ICAO-TI/IATA-DGR Class

N/A

15. REGULATORY INFORMATION

Observe the normal safety regulations when handling. Classification N/A

Hazards labels N/A

R- phrases N/A

S- phrases N/A

16. OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing data specification sheet

Product management.

Contact

Product management.