



Material Safety Data Sheet

Product Identification

PRODUCT NAME
NX Laminate

PRODUCT DESCRIPTION
The materials referred to are high pressure decorative laminates (HPL) according to the European Standard EN 438 and to ISO 4586.

TYPE OF MATERIALS
High Pressure Laminate (HPL)

NX Laminates are sheets made up of layers of cellulose fibrous material, typically paper, are saturated with thermosetting resins and then compressed under high pressure. This process allows for the resins to flow and subsequently cure, resulting in a uniform, non-porous material with the desired surface finish.

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Storage and Transport

Storage and transportation should be carried out in accordance with the General Processing Recommendations for HPL; no special precautions need to be taken.

NX Laminate should be stored in a standard room environment, ideally maintained at temperatures around 18-25 °C (64-77 °F) and a relative humidity level of 50-65%. This storage condition helps to protect the HPL from moisture, humidity, and direct exposure to sunlight, ensuring its optimal and longevity.

For transportation, NX Laminate are classified as a non-hazardous product; no labelling is required.



First Aid

Inhalation Leave the dusty area. If irritation continues or worsens, please seek immediate medical attention. Doctors should treat the patient's symptoms as appropriate on a case-by-case basis.

Contact with Skin Clean the affected area with mild soap and running water. Remove any clothing that may have laminate dust contamination. If symptoms continue, it's important to seek medical attention. In the case of cuts, cleanse the wound, apply antiseptic ointment, and dress the wound appropriately.

Contact with Eyes Rinse thoroughly with running water for a minimum of 15 minutes, and if symptoms persist, please seek immediate medical assistance.

Ingestion Please consume a glass of water. If irritation persists, refrain from trying to induce vomiting and promptly seek immediate medical assistance.



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Environmental Aspects In Use

Decorative laminates are cured and therefore chemically inert.

NX Laminate's formaldehyde emission level is far below limit for wood-based materials. Due to their very low permeability laminates bonded to wood-based substrates act as a barrier against possible formaldehyde emission coming from substrates.

Use & Care

- > Avoid using the laminate surface as a chopping, slicing, or hammering surface: NX Laminate are not designed for cutting or pounding, so always use a proper cutting board or suitable surface to protect them.
- > Use caution with hot cookware: While NX Laminate can handle typical household temperatures, they are not heatproof. To avoid damage, use trivets or hot pads under hot pots and pans when placing them on the laminate surface.
- > Avoid exposing to high temperatures: Prolonged exposure to temperatures exceeding 60 °C (140 °F) can lead to laminate separation from the substrate. Be mindful of heat sources and use protective measures when necessary.
- > Refrain from using sharp tools: To prevent scratches or damage, do not use knives, box-cutters, or other sharp objects directly on NX Laminate surface. Instead, use appropriate cutting surfaces.
- > Prevent water-related issues: Do not flood the laminate surface and take care not to introduce water at joints or seams to prevent substrate expansion and potential damage.

First Aid

Extinguishing Means

Utilize fire extinguishers suitable for the type of fire, such as water, CO₂, foam, or dry chemical extinguishers.

Physical Hazard of Exposure

In fire conditions involving NX Laminate, it's important to be aware of the potential hazards associated with the release of various gasses for instance, carbon monoxide (CO), carbon dioxide (CO₂), water vapor (H₂O), acrylic monomers, and hydrogen chloride (HCl).

Personal Protective Equipment

In case of fire, a breathing protection with combination filter ABEK-CO NO and rubber boots are to be worn. In case of high concentration of fumes, a self-contained breathing apparatus is to be used.

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