Material Safety Data Sheet

Product Identification

Urban Republic Pty Ltd
ABN: 77 133 990 306

49 Metrolink Circuit,
Campbellfield
VIC 3061, Australia
nxdecor.com.au

PRODUCT NAME
NX Neuboard

PRODUCT CODE
NX5000

TYPE OF MATERIALS
Melamine Faced Medium
Density Fibreboard
(MF-MDF)

PRODUCT DESCRIPTION
MF-MDF are of high quality due to the use of standardized melamine impregnated paper laminated onto wood panels with a short Cycle Press machine. This process enhances both strength and design, making them resistant to micro scratches.

CONTACT
+613 9357 0934
+613 9357 8303

EMAIL
info@urbanrepublic.com.au

Storage and Transport

NX Neuboard 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 MF-MDF from moisture, humidity, and direct exposure to sunlight, ensuring its optimal and longevity.

For transportation, NX Neuboard 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

NX Neuboard'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 surface as a chopping, slicing, or hammering surface: NX Neuboard 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 Neuboard 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 Neuboard 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, CO_2, foam, or dry chemical extinguishers.
Physical Hazard of Exposure	The combustion or smoldering of laminates or dust can produce carbon dioxide and other pyrolysis byproducts commonly associated with the burning of organic materials. These byproducts can be irritating to the respiratory tract, emphasizing the importance of taking precautions and avoiding inhalation of such fumes.
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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