



# Material Safety Data Sheet

## Product Identification

**PRODUCT NAME**  
NX Neugrain

**PRODUCT CODE**  
NX 2000

**TYPE OF MATERIALS**  
2D Thermos  
Formable Foil

**PRODUCT DESCRIPTION**  
NX Neugrain are 2D thermos formable foil. Significant advancements in manufacturing processes have resulted in the creation of outstanding designs and solid colours of high quality. This has been achieved through the incorporation of state-of-art pigmentation, printing and embossing techniques.

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## Storage and Transport

NX Neugrain needs to be stored in a dry clean environment at room temperature with moderate humidity. The material can be suspended in unopened packaging, however, store away from sources of heat and sunlight. NX Neugrain should be acclimatised 72 hours prior to use at room temperature (about 20°C).

Transportation for NX Neugrain involves careful handling and packaging to ensure the laminates arrive at their destination in optimal condition.



## 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 Neugrain complies with current REACH legislation. The formula is free of:

- > Halogenes, plasticizers, formaldehyde
- > Heavy metals (chrome (VI), cadmium, lead, mercury)

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## Use & Care

- > Avoid using the laminate surface as a chopping, slicing, or hammering surface: NX Neugrain 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 Neugrain 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 Neugrain 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.

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## First Aid

### Extinguishing Means

Utilize fire extinguishers suitable for the type of fire, such as water, CO<sub>2</sub>, foam, or dry chemical extinguishers.

### Physical Hazard of Exposure

In fire conditions involving NX Neugrain, it's important to be aware of the potential hazards associated with the release of various gasses for instance, carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), water vapor (H<sub>2</sub>O), 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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