



Material Safety Data Sheet

Melamine Edgebanding

Product Name

Melamine Edgebanding

Producer

Leon Orman Ürünleri A.Ş

Deri OSB, Alsancak Sk. No:4, 34956 Tuzla/İstanbul

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First Aid Measures

Inhalation : Not applied

Contact with Eyes : Not applied

Contact with Skin : Not irritate, may cause mechanical abrasion

Ingestion: Not applied

Fire Fighting Measures

Hazardous combustion products

Combustion causes smoke containing carbon monoxide (CO) .

Extinguishing Media

Carbon dioxide (CO₂), powder, foam, water fog.

Flash point: not applicable

Fire and explosion hazards: not applicable

Accidental Release Measures

· Keep away from flammable sources.

Environmental Prevention: Prevent discharge into the sewage system or the immediate environment.

Cleaning Method: If possible, it may reuse, or dispose in accordance to the laws.

Handling And Storage

Handling

- Use appropriate gloves to cut
- Wear safety glass when using.
- Do not try to break with bare hand

Storage

- Rolls are shrink-wrapped with plastic nylon
- Cool and dry in original packaging (approx.20°C, 55-65% air humidity) min. 6 months.
- Avoid storage in room having a high humidity level.
- Ensure proper ventilation. Air exhaust equipment is recommended.



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Exposure Controls , Personal Protection

Work in the ventilated areas.

Wear safety glass when using. Wear safety glass when using.

Physical - Mechanical Characteristics

Color: Due to the fact that sample and the actual product have been produced at different times , there will be slight color variation.

Color Fastness: All our products are printed with inks with woolscale of 6- 8.

Surface: The smoothness of the surface is always measured by eye. Visual testing should be done by holding the product at least 60cm away from the spectator. The surface is resistant to abrasion and chemicals.

Heat Resistance Test : All products are tested to assure to have heat resistance with an iron of 170-180 c°.

Form: Solid

Solubility in Water : Not applicable

Boiling Point: Not applicable

Stability and Reactivity

Under normal storage conditions, melamine edgebanding is stable and inert.

Toxicological Information

Not toxic at room temperature, when burning may cause irritation to eyes, nose, throat. Melamine edgebanding's determination of formaldehyde emission $\leq 3.5 \text{ mg} / (\text{h m}^2)$.

Ecological Information

Not biodegradable.

Not soluble in water.

Disposal Considerations

Waste : To be landfill and disposed in conformity depend on local laws enforces.

Transport Information

The material has no restriction. Not regulated.

Regulatory Information

Not European Community negative label.

Other Information

The information contained on this page is currently advanced and experience based on the existing written so it should not be accredited for specific properties.



Technical Specifications

Pre-Glued Melamine Edgebanding

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Description

Melamine edgebanding consists of a single layer resin saturated paper which has been printed, lacquered and preglued. LEON edgebanding is used to cover the edges of furniture. With the edgebanding, the end product will look better and will have a longer durability.

Specifications

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Heat Resistance Test : all products are tested to assure to have heat resistance with an iron of 170-180 °C.

Hotmelt: Approximately 250 gr of hotmelt is applied to one square meter of edgebanding.

Available Sizes

The width of the edge banding can be changed based on the customer demand (such as 18mm, 22mm, 38mm or etc). The standard length of the roll is 50mt. It can also be changed if requested.

Characteristics

Melamine edgebanding is durable and it can be colored or printed. The application of it is very easy and simple. It has good abrasion to resistance and heat.

Application

This edgebanding can be applied to the board with a hot iron or hot air blower. A minimum temperature of 150°C - 175°C is required to get a correct bonding effect. For an electrical iron, adjust the temperature to wool/silk/cotton-range; and make sure that you hold the iron for 10-15 seconds. If the iron is held too long or the temperature in the iron is too high, you will evaporate the hotmelt and the product will not stick to the board. As for hot air blower, adjust the temperature to 170°C - 190°C. If you apply edgebanding as described, it will keep its integrity up to temperature of 60°C-65°C. Following the instructions will result in the best edgebanding experience.