



FUNDADA EN 1957
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MSDS-Material Safety Data Sheet

Cotton Mikarta panel

Date of issue: 20/04/2016

1) Chemical Product and Company Identification.

Chemical name: N/A

Trade name: Mikarta

Company Information

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2) Material or Component.

Component	CAS Number	Composition wt%	OSHA-PEL
Melamine	108-78-1	75%	NA
Formaldehyde	50-00-0	<0.1	0.75ppm
Cotton fabric 100%	NA	25%	NA

Pigments and additives used to enhance specific properties are encapsulated in the polymer resin matter. No cadmium, or other heavy metals based pigments or stabilizers used.

This product is a thermosetting composite consisting of a cured melamine-formaldehyde on a fabric substrate. OSHA PEL and ACGIH TLV have not been established for this material. Formaldehyde has been designated a carcinogen on the following lists: NTP/IARC/OSHA. Precautions must be taken when formaldehyde is present in the air at concentrations greater than 0.1 ppm as described in the standard.

PEL= Permissible Exposure Limit.

3) Hazards Identification.

A nonflammable sheet material. Dust when machined or punched may cause skin or eye irritation. Fumes, if decomposed, may irritate eyes, nose, and throat.

Potential Health Hazards:



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Skin: Dust may cause moderate skin irritation.

Eyes: Dust may cause moderate eye irritation. Fumes may irritate eyes.

Inhalation: Dust or fumes may cause irritation of the throat. **Ingestion:** Not determined.

Carcinogen: Formaldehyde is designated a carcinogen on the following lists:
NTP/IARC/OSHA

4) First Aid Measures.

In general handling the material will not cause accidents.

Skin: Wash dust off in flowing water or shower. Change contaminated clothing.

Eyes: Irrigate with flowing water for 15 minutes. If irritation persists, consult a physician.

Inhalation: If overcome by dust or smoke, remove to fresh air. If not breathing, give mouth-to-mouth resuscitation. Call physician.

Ingestion: If large amounts are ingested, consult physician.

Advice To Physician: Treat symptomatically.

5) Fire fighting measures.

May give off toxic gases of formaldehyde and melamine when burning or when heated to decomposition. Firemen should wear proper protective equipment and positive pressure self-contained breathing apparatus. Use water, CO₂ and dry chemical to fight fire.

6) Accidental release measures.

Not applicable, material is an article.

7) Handling and Storage

Handling:

The primary exposure route is inhalation of dust when machined/punched or from fumes or vapors when heated.

General (mechanical) room ventilation is expected to be satisfactory where this product is stored and handled.

Storage:

This material is no hazardous under normal storage conditions. However, all materials of this type release some monomer vapours or gases when stored for prolonged periods at elevated temperatures. Avoid temperature extremes during storage; ambient temperature preferred.

8) Exposure controls/Personal protection

Exposure limits:

Engineering Controls: Use local exhaust ventilation to control dust.



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Personal protection:

Skin Protection: For brief contact to dust, no precautions other than clean body-covering clothing should be needed. Use gloves and aprons when prolonged or frequently repeated contact occurs.

Eye Protection: Use appropriate eye protection when machining material.

Respiratory Protection: Not required under normal processing conditions. Consult respiratory manufacturer to determine appropriate type equipment for given application. For emergency and other conditions where exposure limit may be significantly exceeded, use a NIOSH-approved dust respirator.

9) Physical Data.

Material: Solid

Melting point: N/A

Appearance and odor: Flat sheet material-optional colors or shapes, and no odor.

Specific density: 1.45-1.50 gr/cm³

10) Reactivity Data.

Stability: Stable

Conditions to avoid: Strong oxidizing agents

Hazardous decomposition products: Carbon dioxide, carbon monoxide, formaldehyde & hydrocarbons

11) Toxicological information.

May cause moderate eye, skin and throat irritation. No known delayed (Subchronic & Chronic) effects.

12) Ecological and Disposal considerations.

Not biodegradable.

Not considered a RCRA hazardous waste if discarded. Disposal must be made in accordance with all applicable Local, State and Federal regulations. The information offered here is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

13) Transport information.

This product is classified as a non-hazardous material in the meaning of transport regulations.



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14) Regulatory information.

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

15) Other information.

Please consult the relevant product and/or application information for this product.

The information herein is given in good faith, but no warranty, expressed or implied. Refer questions or comments to Vda. de Julián Núñez, S.A. +34 967 215366