

The Laminex Group
90 - 94 Tram Road
DONCASTER VIC 3108
Telephone: 03 9848 4811
Facsimile: 03 9848 8158

Date last updated: 11/12/2002

MATERIAL SAFETY DATA SHEET NO. 101

STATEMENT OF HAZARDOUS NATURE: In its intact state this product is not classified as a hazardous substance according to the criteria of Worksafe Australia

LAMINEX - LAMINATE PRODUCT

IMPORTANT NOTICE: This Material Safety Data Sheet (MSDS) is issued by The Laminex Group in accordance with Worksafe Australia Guidelines. As such, the information contained herein must not be altered, deleted or added to. The Laminex Group will issue a new MSDS when there is a change in product specifications and/or Worksafe Australia guidelines/regulations. The Laminex Group will not accept any responsibility for any changes made to its MSDS in content by any other person.

COMPOSITION & INFORMATION ON INGREDIENTS

Substance	CAS No.	Proportion
Paper	None	Med 10 - 60%
Phenol formaldehyde resin	9003-35-4	Med 10 - 60%
Paper - pigmented	None	Low < 10%
Melamine formaldehyde resin	9003-08-1	Med 10 -30%
Plasticisers		Low < 10%
Fire Retardant		Low < 10%

Notes: The above ingredients are bound together under heat and pressure. The process "cures" the resin but small amounts of formaldehyde may be released from the finished product.

No other hazardous materials are present in this product at concentrations above the cut off levels as noted in the "List of Designated Hazardous Substances" NOHSC: 10005 (1994) or as defined in the "Approved Criteria for Classifying Hazardous Substances" NOHSC:10008 (1994)

AICS status: All components of the finished products are listed on the AICS.

HAZARD IDENTIFICATION

Emergency Overview:

The laminates in their intact state do not release airborne dusts, gases or vapours.

When the laminates are cut, drilled or sanded, etc. dust may be released.

The known health effects of the ingredients are as follows:

Formaldehyde: Formaldehyde gas and dilute solutions of formaldehyde in water are irritating to the nose, throat, eyes and skin. The gas and solutions are also sensitizers and cases of allergic dermatitis and asthma have been reported.

On the basis of sufficient evidence that formaldehyde caused cancer in experiments with rats, the International Agency for Research on Cancer (IARC) assessed formaldehyde in 1982 as "Group 2A, probably carcinogenic to humans".

Amorphous silica: dust in high concentrations may cause irritation of the eyes, nose, throat and upper respiratory tract.

Exposures to the mixed dusts from the laminates may result in the following health effects:

Acute:

Swallowed: The dusts may cause tissue irritation but an acute toxic response is unlikely to occur.

Eye: The dusts are irritating to the eyes causing discomfort and redness.

Skin: The dusts may irritate the skin, resulting in itching and occasionally a red rash. Allergic dermatitis may occur. During handling, sharp edges on the laminate sheet may cut the skin.

Inhaled: The dusts may irritate the nose and throat, especially in people with upper respiratory tract or chest complaints. Allergic asthma may occur.

Chronic:

Repeated exposures over many years to uncontrolled dusts from these laminates could result in allergic dermatitis, asthma or chronic nose or throat irritation in some people.

If the work practices noted in this MSDS are followed, exposures to airborne dusts will be well within government recommended parameters for maintaining a healthy environment, and no chronic health effects are anticipated.

FIRST AID MEASURES

First Aid:

Swallowed: Do not induce vomiting - seek medical attention.

Eye: Flush with flowing water for at least 15 minutes, and if symptoms persist, seek immediate medical attention.

Skin: Wash with mild soap and running water. For cuts, clean and dress wounds. Seek medical attention if symptoms persist.

Inhaled: Leave the dusty area. Seek medical attention if symptoms persist.

Advice to Doctor: Treat symptomatically.

FIREFIGHTING MEASURES

These laminates are flammable but difficult to ignite. Avoid a build up of dust and keep all storage and work areas well ventilated. Avoid sources of radiant heat and flame; and avoid sparks and sources of ignition in all electrical equipment, including dust extraction equipment. People must not smoke in storage or work areas.

Early Fire Hazard Indices (as per AS1530, Part 3)

Typical indices for the products, except for Fire Retardant Grade are:-

Ignitability Index: 8 - 14

Heat Evolved Index: 2 - 9

Spread of Flame Index: 0 - 8

Smoke Developed Index: 2 - 6

Work areas should be cleaned at least daily, and dust removed by vacuum cleaning or wet sweeping method.

Personal Protection:

Clothing Wear loose, comfortable clothing. Long-sleeved shirts and trousers are recommended if skin irritation occurs. Dust should be washed off with mild soap and water after handling laminates. Do not scratch or rub the skin if it becomes irritated. Work clothes should be washed regularly and separate from other clothes.

Gloves Comfortable work gloves should be worn.

Respirator A Class P1 or P2 replaceable filter or disposable face-piece respirator together with safety glasses or non-fogging goggles (to comply with AS1337) should be worn when sawing, drilling or sanding, etc. Respirators should comply with AS 1716 and be selected, used and maintained in accordance with AS 1715.

Eye Safety glasses or non-fogging goggles (AS1337) should be worn when sawing, drilling, sanding etc.

PHYSICAL & CHEMICAL PROPERTIES

Physical Description/Properties:

The products are manufactured as high pressure laminates, in sheet form and ranging in thickness from 0.5mm to 18mm. They are made from layers of resin-impregnated paper, which are bonded together under heat and pressure. Newly manufactured laminates and freshly cut surfaces may have an odour due to the resin.

Boiling point, °C:	Not applicable
Vapour Pressure, mm Hg at 25°C:	Not applicable
Vapour Density:	Not applicable
Solubility in Water, g/l:	Negligible
Volatiles, %:	Negligible
Specific Gravity:	1.1 - 1.5
Flash Point, °C:	Not applicable
Flammability Limits, %:	Not applicable
Autoignition Temperature, °C:	Does not auto-ignite
Corrosiveness:	Non-corrosive

Uses: Decorative surfacing of furniture, cabinets, bench tops, walls, ceilings, floors and doors.

STABILITY & REACTIVITY

Reactivity: Stable at normal temperature and pressures

ECOLOGICAL INFORMATION

No data available for the product. Do not allow to enter the environment. Waste material should be collected and disposed of according to the relevant Local / State or Federal regulations

DISPOSAL

Refer to Land Waste Management Authority

TRANSPORT INFORMATION

Product Name/Names:

Laminex Premium Laminate	Laminex Chemical Resistant
Laminex Vertical Laminate	Laminex Antistatic Laminate
Laminex Redback	Laminex Solid Grade
Laminex Wet Area Panelling	Laminex Solidform
Laminex Supertop	Laminex Fire Retardant

UN Number:	None allocated
Dangerous Goods Class and Subsidiary Risk:	None allocated
HAZCHEM Code:	None allocated
Poisons Schedule:	None allocated

OTHER INFORMATION

Contact Point:

Ms. J. Show - Risk Advisor
The Laminex Group
90 - 94 Tram Road,
DONCASTER. VIC 3801
Telephone No.: 03 9848 4811
Facsimile No.: 03 9848 8158

Whilst the information contained in this document is based on data that, to the best of our knowledge, was accurate and reliable at the time of preparation, we can accept no responsibility for errors and omissions. The provision of this information should not be construed as a recommendation to use any of our products in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances. Since the information contained in this document may be applied under conditions beyond our control, we can accept no responsibility for any loss or damage caused by any person acting or refraining from action as a result of this information.