

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Limited Fire Hazard Laminate EM42

Synonyms: Not Applicable

Chemical Name: Not Applicable

Chemical Family: Not Applicable

Chemical Formula: Not Applicable

Emergency Phone Number: + 353 22 21345

Evening & Weekend Emergency Phone Number: + 353 87 2919565

Telephone Number for Information: + 353 22 21345

Fax Number: + 353 22 21891

ECO: 00590

Issue Date: Jan 04

Ref: 0001

Revised: June 04 (Section(s) 14)

2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1 Chemical Composition:

It is a flame retardant, low smoke and low toxic fume, (halogen and phosphorus free) composite, made from a combination of woven and non - woven glass impregnated with epoxy resin

2.2 Composition:

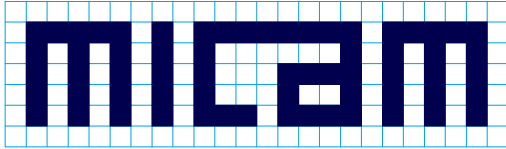
Reinforcement: Woven and non woven glass
Resin System: Epoxy

2.3 Hazards Identification:

Not classified as hazardous

3. HAZARDS IDENTIFICATION

Not classified as hazardous



4. FIRST-AID MEASURES

Inhalation

Nuisance Dust – Over exposure to dust may cause irritation of the respiratory tract. Should the happen remove affected individual to fresh air. If symptoms persist consult a physician Call a physician or transport to a medical facility.

Skin Contact

Nuisance Dust – May cause irritation. Wash skin with soap and water. In case of cuts or scratches caused by the material, wash the wound with soap and copious quantities of water.

Eye Contact

Nuisance Dust – May cause irritation. Irrigate immediately with water for at least 5 minuts. Consult medical personnel.

Ingestion

Nuisance Dust – May cause direct tissue irritation, but is ot expected to cause a significant toxic respnse. Do not induce vomiting. Call a physician and / or transport to emergency facility immediately.

Note to Physician

The decision of whether to induce vomiting or not should be made by a physician. If lavage is performed, suggest endotracheal and or oesophageal control. Danger from lung aspiration must be weighted against toxicity when considering emptying the stomach. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

All kinds of fire fighting methods are useful, Carbon dioxide, Dry chemical fire extinguishers, Foam, if possible don't use water.

Hazardous Combustion Products

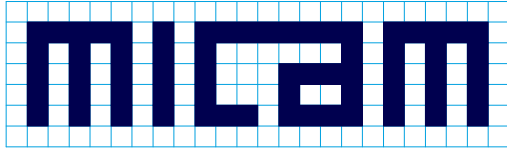
In case of fire the following hazardous components may be produced , depending on the conditions of burning: carbon monoxide, carbon dioxide and oxides of nitrogen.

Protection of Firefighters

Wear positive-pressure self-contained breathing apparatus and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves).

6. ACCIDENTAL RELEASE MEASURES

This material is non hazardous. Sweep up / pick up scrap material and place in disposal containers.



7. HANDLING AND STORAGE

7.1 Handling

For cutting and drilling provide a dust suction system; during machining processes. Work in good ventilated rooms during machining or heating processes

GENERAL HYGIENIC RECOMMENDED RULES:

- Keep working clothes clean of dust, by some safety suction device
- Wash hands before eat or drink & before work breaks
- Maintain adequate ventilation in the work area

Practice care and caution to avoid skin and eye contact. Dust generated by machining operations such as drilling or routing can be considered nuisance dust and reasonable dust minimization techniques should be used. Gloves are recommended when handling laminate and normal hygiene procedures should be followed. Avoid breathing vapours.

7.2 Storage

Laminates should be stored horizontally until use. Preferred environmental conditions are at a temperature of less than 74°F (23°C) and less than 50% relative humidity.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

This product may produce nuisance particles when sawing, machining or routing.

TWA 15 mg/m ³ (Total Dust) STEL (none)	TWA 10 mg/m ³ (Inhalable Particulate) STEL (none)
TWA 5 mg/m ³ (Respirable Particulate) STEL (none)	TWA 10 mg/m ³ (Respirable Particulate) STEL (none)

Engineering Controls

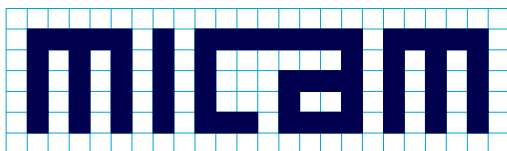
Provide general and/or local exhaust ventilation to control airborne particles.

Personal Protective Equipment

FACE: Use dust mask

EYES: Safety Glasses when machining

SKIN AND HANDS: Apply barrier cream before commencing work & wear gloves



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: solid
Colour	: Cream
Odour	: None
Specific gravity	: 2.05
Rel. vapour density (air=1):	N/A
Vapour pressure	: N/A
Boiling point/range	: N/A
Water solubility	: Insoluble
Flash point	: N/A
Flammability-LFL	: N/A
Flammability-UFL	: N/A

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal storage conditions, see Section 7, Handling and Storage.

Conditions to Avoid

Formation of dust in the working area

Materials to Avoid

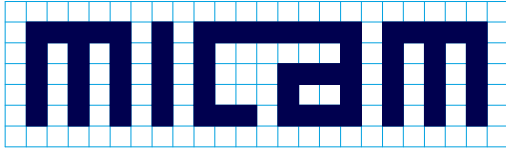
Organic solvents, strong acids or alkaline solutions will destroy the surface appearance.

11. TOXICOLOGICAL INFORMATION

The dust occurring from cutting and drilling processes is non toxic.
Occasional skin irritation may occur when first exposed to material.
If this does not rapidly disappear medical advice should be sought.

12. ECOLOGICAL INFORMATION

No data available



13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Scrap material and dust may be disposed of according to Local Authority Regulations.

Wastes or Residues

Customers are advised to check their local legislation governing the disposal of waste materials.

14. TRANSPORT INFORMATION

The EU transport Tariff Code for EM42 is 39219020 Glass Based Laminate.

15. REGULATORY INFORMATION

EC Classification and User Label Information

Classification according to the Chemicals (Hazard Information and Packaging) Regulations, CHIP.

Hazard Symbol : None

Risk Phrases : None

Safety Phrases : None

16. OTHER INFORMATION

No other information

The information herein is given in good faith and to the best of our knowledge but no warranty, express or implied, is made.