

MATERIAL SAFETY DATA SHEET
(In accordance with ISO 11014/1 Standard)
N° 1013-E Mod.1 Date : 97/02/12

1 - PRODUCT AND COMPANY INFORMATION

1-1 Product information

Name : PERMAGLAS MP 270 / UPM 203

1-2 Manufacturer

PERMALI COMPOSITES
8, rue André Fruchard
F-54320 MAXEVILLE - FRANCE
Telephone : 33.3.83.34.24.24
Fax : 33.3.83.32.23.18 (In USA, 1-724-696-5200, Röchling Machined Plastics)

2 - COMPOSITION AND INFORMATION ABOUT COMPONENTS

2-1 Description

Laminate made of :
Glass Fibers
Polyester resin
Fillers
cured under pressure and temperature

2-2 Hazardous ingredients

Not applicable

3 - HAZARDS IDENTIFICATION

3-1 Product itself

No particular indications

3-2 Dust generated during machining

Can sometimes cause mechanical irritation to skin and less frequently to eyes

4 - FIRST AID MEASURES

When handled correctly, first aid and measures are not necessary
Please note the comment under point 8

5 - FIRE FIGHTING MEASURES

5-1 Suitable extinguishing media

Water, dry powder, CO₂, foam, Halon

5-2 Unsuitable extinguishing media

No restriction known

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5-3 Special protective equipment for a fire

In a sustained fire self-contained breathing apparatus should be worn

6 - MEASURES IN CASE OF INADVERTENT RELEASE

Not applicable

7 - HANDLING AND STORAGE

7-1 Handling

No particular requirement

7-2 Storage

No particular requirement

8 - EXPOSURE CONTROL AND PERSONAL PROTECTION

8-1 Product itself

Not applicable

8-2 Dust generated during machining

Correct industrial practice should be followed, with extraction equipment on the machine (extraction speed \approx 22m/s).

Alternatively dust mask should be worn

Safety glasses with white shield are recommended

9 - PHYSICAL AND CHEMICAL PROPERTIES

9-1 Appearance

Form : Solid, Colour : white, red or grey, Odour : odourless

9-2 Other information

pH value	:	not applicable
boiling point	:	not applicable
decomposition temperature	:	past 400°C
flash point	:	not applicable
self ignition	:	not applicable
explosion hazard	:	not applicable
vapour pressure	:	not applicable
density	:	1,80
solubility in water	:	not soluble
solubility in oil	:	not soluble
partition coefficient	:	not applicable

10 - STABILITY AND REACTIVITY

10-1 Conditions to be avoided : none

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10-2 Substances to be avoided : none

10-3 Hazardous decomposition products

In a sustained fire the product may decompose releasing hazardous products on combustion.

11 - TOXICOLOGICAL INFORMATION

11-1 Acute toxicity : not applicable

11-2 Local effects : not applicable

11-3 Sensitization : not applicable

11-4 Subacute, subchronic and prolonged toxicity : not applicable

12 - ECOLOGICAL INFORMATION

12-1 Mobility : not applicable

12-2 Degradability : not bio-degradable

12-3 Bio-accumulation potential : not applicable

12-4 Ecological effects : not applicable

13 - DISPOSAL CONSIDERATIONS

PERMAGLAS MP 270 is considered to be an inert solid waste not requiring hazardous waste disposal procedures. However PERMAGLAS MP 270 should be disposed of in a land fill in accordance with all applicable, local or state regulations

14 - TRANSPORT INFORMATION

14-1 Surface transport : RID/ADR, DoT 49 CFR : not dangerous goods

14-2 Inland waterway transport : ADN/ ADNR : not dangerous goods

14-3 Ocean going transport : IMDG : not dangerous goods

14-4 Air transport : IATA-DGR : not dangerous goods

14-5 Further information : none

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15 - REGULATIONS

Description of danger and identification letter : not applicable
Hazard phrases (R) : not applicable
Safety recommendations (S) : not applicable

16 - OTHER INFORMATION

None

N.B. : The information contained here is based on the present state of our knowledge, without warranty.
It neither constitutes quality characteristics nor absolves your personal responsibility when using the product and / or observing legal regulations and conditions.