SAFETY DATA SHEET

1-. PRODUCT IDENTIFICATION

1.1 Product name: Minipol cabinets

1.2 Product use: Cabinet mainly used for the protection of electrical equipment up to 1000V AC and 1500V DC.

1.3 Norms: Construction according to the international norms IEC 60439.1 and EN62208.

1.4 Company: HAZEMEYER HES, SL. Polígono Industrial Gaserans calle Ter 7B, 17451 Sant Feliu de Buixalleu (Spain)

1.5 Phone number: +34 972874450

2-. COMPOSITION AND COMPONENTS INFORMATION

1.1 Cabinet: SMC (sheet moulding compound) polyester resin reinforced with fibreglass.

1.2 Sealing gasket: Polyurethane resin.

1.3 Hinges: Zinc and aluminium alloy, Zamak 3.

1.4 Lock: Thermoplastic resin, polyamide 6.

1.5 Screws: Steel 5.6

3-. HAZARDS IDENTIFICATION

Special indications of danger for people and the environment (referencies to the SMC, basic component of the cabinets)

Fire properties:

Flammability: Not flammable, self extinguishable

Flame resistance: 960º

Fumes toxicity: Halogen free

Dangerous reactions: Fiberglass may give irritant skin reaction.

4-. FIRST AID

4.1 Wash with water and soap the affected zone.

4.2 Seek medical advise in case of persisting irritation (very unlikely).

5-. FIRE FIGHTING MESURES

5.1 Extinguishing agents: Dry foam or CO2

5.2 Gases released in case of fire: carbon monoxide, carbon dioxide and water vapor.

5.3 Protection measures: Correct clothing and in extreme cases breathing apparatus.

6.- HANDLING AND STORAGE

6.1 Handle avoiding the contact with skin and eyes. In case of drilling the cabinets use a protective mask against inhalation of fiberglass dust particles.

6.2 Store away from heat sources.

7.- EXPOSURE CONTROL AND PERSONAL PROTECTION EQUIPMENT

7.1 Hand protection: Wear adequate gloves
We recommend also the use of protection glasses.
Wear clothing and adequate shoes.

7.2 Keep the workplace well ventilated
Wash after handling
Also recommend, use of skin protection cream (polyethylene glycol).

8-. PHYSICAL AND CHEMICAL PROPERTIES

Impact strength: 55Kj/mt2

Flexible strength: 150mPa

Tensile strength: 50-60 mPa

Dielectric strength: 18Kv/mm

Temperature resistance: between –40 and +80ºC. In short cycles up to 150ºC.

Deflection temperature: > 300ºC.

Limit oxygen index: 26

Flammable: No

Hot wire resistance: Up to 960ºC

Toxicity of fumes: Halogen-free

Density: 1.75 Kg/dM3

Water absorption: 45 Mg/kg

9-. STABILITY AND POSSIBLE REACTIVITY.

9.1 Stable, no possibility of post-polymerization.

10.- TOXICOLOGICAL INFORMATION

9.1 The manipulation of the cabinets can cause eye and skin irritation and accidental inhalation of fiberglass dust particles as described in section 6. With correct handling, there are no harmful effects.

11.- ECOLOGICAL INFORMATION

11.1 Once is destroyed and micronized can serve as a filler for construction products.

12.- DISPOSAL CONSIDERATIONS

12.1 The solid residue is treated as ordinary waste and transported through a licensed waste contractor.

13.- TRANSPORT INFORMATION

13.1 No special transport is needed.

14-. REGULATORY INFORMATION.

Directive 96/61/CE

Directive 91/689/CE

Directive RoHS 2002/95/CE

15.- ADDITIONAL INFORMATION

The above data corresponds to current understanding of the product described.

There are no guarantees of the properties.

In each country, the recipient of the product, should take care regarding the specific regulations relating to this product.