- TECHNICAL DATA SHEET –

EPOXAL 9009/C
EPOXY-PHENOLIC, BAKING CLEAR VARNISH

DESCRIPTION

EPOXAL 9009/C is an epoxy-phenolic varnish suitable for use on hermetic stators.
Here are some characteristics of this product::

- Freon resistance;
- Very good flexibility;
- Good bond strength
- Good abrasion resistance;
- Very good resistance to moisture, chemicals and Freon.

Epoxal 9009/C, due to its excellent adhesion, chemical resistance and to its very good bond strength, ensures the maximum protection to:

Stators	Rotors	Laminations	Rotating fields

CHARACTERISTICS

Physical properties	
Appearance in the can (ALB. 16/9.92)	clear amber
Viscosity in Ford Cup n.4 at 25°C (UNI 8356/6.82)	24-30”
Specific Gravity at 25°C (UNI8910/11.86)	960 ± 50 g./l.
Build up D.F.T. (ASTM D-115)	0,050 mm.
Solid content	35% ± 2
Corrosive effects on copper	none

Electrical Properties	
Dielectric strength	> 3200 volts/mm. 0,025

APPLICATION GUIDELINE

The varnish EPOXAL 9009/C is supplied with a solid content of 35% ± 2. Before the impregnation it can be further thinned with 25-30% of Diluent 9009/C.

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The thinning proportion may change from 25-30 to 100%, according to the customer's need. The following cycle is suggested as a starting point for the treatment at atmospheric pressure of most units:

1. Preheat units to 110°C;
2. Cool to 40-50°C;
3. Dip in the varnish for 5-10';
4. Drain for 15-30';
5. Place in the oven and bake for 4-5 h at 160°C, or 1 ½ - 2 h. at 180°C

   (time must be taken after units reach the baking temperature).

For specific conditions, please consult us.

STORAGE AND STABILITY

Store in a cool dry place (max 30°C) away from direct sunlight. Protect from moisture and humidity.
Shelf life is 12 months when stored in closed original container at max 30°C.

HANDLING PRECAUTION

Use in well ventilated area, avoid contact with skin and eyes and wear protective clothes.
For more details, see the SDS.

Warning: all the information and application instructions concerning this product are based on technical specifications that we consider reliable, and are provided by way of example, according to our application experience. They do not establish any guarantee but only represent a starting point subject to alterations, according to the application and the kind of material to be treated. Before the product's use the utilizer must determine the suitability for the intended use undertaking all risks and responsibility for whatever may happen in connection with the application. The producer and/or seller will not be considered responsible for any accident, loss or damage (immediate or consequent) originating from the use and/or the inability to use the concerned product. Albesiano Sisa Vernici srl reserves the right to change or modify at any time and without any notice the technical specifications of the product described in this data sheet.

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