

## E.W.C. 400 EPOXY RESIN TECHNICAL DATA SHEET

Solvent free, two pack, epoxy resin based, primer is cured with polyamide hardener. It is multifunctional adhesive material.

It can be used as a Filament winding, laminating, varnishing epoxy, epoxy-based adhesive mortars, leveling and preparation, glass fiber, with the addition of glass bubble for paste applications, priming concrete surfaces prior to plating, metal, wood, glass, concrete, glass fiber reinforced polyester, denim gel bonding materials, used in the repair and maintenance with high adhesion, hardened-resistant bacteria and fungi that do not change in volume, with good insulation against the sea water-resistant epoxy resin.

### PRETREATMENT

Surface must be free of oil, dust, contaminant, rust, loose paint of similar substances that may prevent the resin from sticking on the surface with suitable cleaning equipment. The surface must be dry and clean and suitable for sticking and fixing.

ARTICLE	DESCRIPTION
MIX RATIO	: 2 volume(s) Part A to 1 volume(s) Part B
POT LIFE A+B	: 30 min (23 °C)
COLOUR A+B	: None
APPLICATION BY	: Airless or conversyonel pistol, rıloı brush
TOOL CLEANING	: Epoxy Thinner
TH.COVERAGE	: 1 m2/Lt for 1000 dry microns
SOLID	: 100 valume
FLAS POINT	: 24 °C
VOC-USA	: 50

### DRING TIME / SANDSPAPERING

ARTICLE	10 °C	15 °C	23°C	35°C
Max.	38 Hours	32 Hours	24 Hours	22 Hours
Min	32 Hours	24 Hours	16 Hours	12 Hours

### STORAGE

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

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**Book Date :** 03.12.2011

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## HAZARD IDENTIFICATION

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.  
Irritating to eyes and skin. May cause sensitisation by skin contact.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



Irritant



Dangerous for the environment

**Additional warning phrases** : Contains epoxy constituents. See information supplied by the manufacturer. This information is provided by the present Safety Data Sheet.

The preparation may be a skin sensitiser. It may also be a skin irritant and repeated contact may increase this effect.

## PERSONEL PROTECTION

**Engineering measures** : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

<b>Ingredient name</b>	<b>Occupational exposure limits</b>
Solvent naphtha (petroleum), light arom.	<b>EU OEL (Europe, 6/2000).</b> TWA: 100 mg/m <sup>3</sup> 8 hour(s). Form: All forms TWA: 20 ppm 8 hour(s). Form: All forms

### Personal protective equipment

- Respiratory system** : If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use respiratory mask with charcoal and dust filter when spraying this product (as filter combination A2-P2). In confined spaces, use compressed-air or fresh-air respiratory equipment. When use of roller or brush, consider use of charcoal filter.
- Skin and body** : Personnel should wear antistatic clothing made of natural fibres or of high-temperature-resistant synthetic fibres.
- Hands** : For prolonged or repeated handling, use the following type of gloves: gloves: polyvinyl alcohol or nitrile.

## TRANSPORT INFORMATION

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### International transport regulations

- Proper shipping name** : Environmentally hazardous substance, solid, n.o.s. (epoxy resin (MW < 700))
- Marine pollutant substances** : epoxy resin (MW <700)
- UN Number** : 3077
- Class** : 9
- Packing group** : III
- Label** :



**Marking** : The environmental hazardous / marine pollutant mark is only applicable for packages containing more than 5 litres for liquids and 5 kg for solids.

### Additional information

- ADR / RID** : Tunnel restriction code: (E)  
Hazard identification number: 90  
Special provisions: 274
- IMDG** : Emergency schedules (EmS): F-A, S-F  
Marine pollutant: Yes.

Transport in accordance with ADR/RID, IMDG/IMO and ICAO/IATA and national regulation.

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