

E.W.C. 4001 ACRYLIC VARNISH TECHNICAL DATA SHEET

Acrylic resin based, two component, reaction drying curing with aliphatic isocyanate. UV resistant, also chemical resistance, glossy top coat paint.

Developed specially to protect outdoor wooden and metal surfaces. Excellent level performance for all general industrial, machinery application, steel construction, metal protection And marine applications. Used on any wood,- metal and mineral surfaces exposed to water, seawater, chemicals and corrosion. Provides verygood performance in applications of general industry, machine manufacturing, protection of metal and Marine applications.

PRETREATMENT

Application surface must be cleaned from any material that decreases adherence. Metal surfaces must be sanded at least grade ST2 and ideally Sa2 ½, and primed with epoxy anticorrosive primer within 6 hours.

APPLICATION

After mixing the two components at given ratio wait for 30 minutes before application. Surface Temperature should be at least 10 °C. Application should not be done around dew point 3.7

ARTICLE	DESCRIPTION
MIX RATIO	: 3 volume(s) Part A to 1 volume(s) Part B
POT LIFE A+B	: 30 min (23 °C)
COLOUR A+B	: Transparent
GLOSS	: Min 90 gloss
APPLICATION BY	: Brush, paint roller, airless spray or air guns.
TOOL CLEANING	: Acrylic Thinner
TH.COVERAGE	: 1 m ² /Lt 100-120 gr or for 50 dry microns
SOLID	: 50 ± 2 volume
FLAS POINT	: 120 °C
VOC-USA	: 110

DRING TIME / SANDSPAPERING

ARTICLE	10 °C	15 °C	23°C	35°C
Max.	38 Hours	32 Hours	28 Hours	22 Hours
Min	32 Hours	18 Hours	12 Hours	8 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.

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.

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
Solvent naphtha (petroleum), light arom.	EU OEL (Europe, 6/2000). TWA: 100 mg/m ³ 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 charcoalfilter.
- 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.