



**NEGIN ZEREH Co.**

Industrial, Marine, Water Base, Architectural Paint

## **POLYAMINE CURED EPOXY (for potable water tanks) NZ-540-M**

### **| Product Description**

**NZ-540-M** is a durable coating based on a two component, solvent free polyamine cured epoxy. It has been specially formulated to provide a durable coating system for contact with water and complies with BS 6920 & AWWA C210 for human consumption.

### **| Recommended Use**

As an internal coating of steel pipe and tanks exposed to potable water.

### **| Outstanding Characteristics**

- Excellent water resistance
- Excellent chemical resistance against weak acids and alkalis
- Corrosion resistance in moderately to severely marine & industrial environment
- Excellent adhesion to steel

### **| Surface Preparation**

The surface must be clean and dry, and free from any other foreign materials old primed surfaces must be sweep blasting to achieve roughness for better inter coat adhesion.

### **| Technical Data**

<b>Finish</b>	Semi-gloss to glossy
<b>Color</b>	White, light green
<b>Solid by volume</b>	99±1 %
<b>Specific Gravity</b>	1.45±0.05 gr/cm <sup>3</sup>
<b>Flash point</b>	100 °C
<b>Recommended D.F.T.</b>	400-500 microns
<b>Theoretical coverage</b>	2.5-2.0 m <sup>2</sup> /lit Practical coverage depends on loss factor
<b>Touch dry</b>	3 hrs. at 20 °C
<b>Fully cured</b>	7 days at 20 °C
<b>Thermal resistance</b>	Max. 140 °C (dry exposure)
<b>Shelf life</b>	12 months at 25 °C
<b>Package</b>	....

### **| Application Details**

<b>Application method</b>	Air/Airless spray, Brush, Roller
<b>Surface temperature</b>	10-40 °C
<b>Mixing ratio</b>	Refer to the can label
<b>Thinner/cleaner</b>	Not recommended
<b>Pot Life</b>	6 min. at 60 °C
<b>Recoat interval</b>	Min 8 hrs. at 20 °C Max 3 days at 20 °C Recoating intervals related to later conditions of exposure
<b>Nozzle orifice</b>	0.027"-0.035"
<b>Nozzle pressure</b>	250 bar/3650 psi Airless spray is indicative and subject to adjustment
<b>Application condition</b>	Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.

**Note:** Film thickness may be specified in another film thickness than indicated depending on purpose and area of use. This will alter the spreading rate and may influence the amount of thinning necessary, drying time and recoating interval.

**Safety:** Handle with care. Before and during use, observe all safety labels on packaging and paint containers. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment.

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Neginzereh-pars Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Neginzereh-pars representative to obtain the most recent Product Data Information and Application Bulletin. The Neginzereh-pars Company warrants our products to be free of manufacturing defects in accord with applicable Neginzereh-pars quality control procedures.

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