



**NEGIN ZEREH Co.**

Industrial, Marine, Water Base, Architectural Paint

## **POLYAMINE CURED SOLVENT FREE EPOXY COAL TAR NZ-545**

### **| Product Description**

**NZ-545** is a solvent free two component, corrosion preventing tar-epoxy primer.

### **| Recommended Use**

For protection of steel and concrete in highly aggressive conditions e.g. Marine piling, buoys, barges, sewage plant, pipe lining, bottom of oil storage tanks, ballast tanks, ships bottom paints where a thick film is needed.

### **| Outstanding Characteristics**

- Excellent rust preventing
- Chemical resistance against hydrochloric acid, sodium hydroxide, salt water and sour crude oil
- Applicable in high film thickness

### **| Surface Preparation**

Surface should be clean, dry and free from oil, grease, dust and mill scale by solvent cleaning or high pressure fresh water and finally sand blasting up to Sa2½ or SSPC-SP10.

### **| Technical Data**

Finish	Gloss
Color	Black, Dark brown
Solid by volume	93±3%
Specific Gravity	1.40±0.10 gr/cm <sup>3</sup>
Flash point	26 °C
Recommended D.F.T.	150-200 microns
Theoretical coverage	4.6-4.3 m <sup>2</sup> /kg Practical coverage depends on loss factor
Touch dry	4 hrs. at 20 °C
Fully cured	7 days at 20 °C
Thermal resistance	Max. 140 °C (dry exposure)
Shelf life	12 months at 25 °C
Package	20 & 4 liter containers

### **| Application Details**

Application method	Air/Airless spray, Brush, Roller
Surface temperature	10-45 °C
Mixing ratio	Refer to the can label
Thinner/cleaner	NZT-500/4
Pot Life	2 hrs. at 20 °C
Recoat interval	Min 24 hrs. at 20 °C Max 3 days at 20 °C Recoating intervals related to later conditions of exposure
Nozzle orifice	0.021"-0.023"
Nozzle pressure	200 bar/2900 psi Airless spray is indicative and subject to adjustment
Application condition	Apply only on a dry and clean surface with a temperature 3 °C 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.