



**NEGIN ZEREH Co.**

Industrial, Marine, Water Base, Architectural Paint

# **POLYAMINE CURED SOLVENT FREE EPOXY PUTTY NZ-599.1**

## **Product Description**

**NZ-599.1** is a two component, Polyamine cured solvent free epoxy putty which is designed for correcting imperfections of metals and concrete surfaces. This product exhibits excellent adhesion to practically all sorts of substrates and possesses high degree of chemical and water resistance.

## **Recommended Use**

Suitable for use on metal and concrete surfaces in marine and industrial conditions.

## **Outstanding Characteristics**

- High chemical resistance against weak acids and alkalis
- Excellent sanding and leveling properties
- Excellent putty knife applied ability
- Excellent flexibility and good hardness
- High adhesion to different metallic and concrete surfaces.
- High oil resistance

## **Surface Preparation**

The substrate to be puttied must be clean, dry and free from oils, grease, rust and other foreign matters. The surface imperfections should be wire brushed or rough-sanded for better adhesion.

Mix two components well and apply by knife. Allow the applied putty to set and harden for 24 hours before sanding and coating with primer.

**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.

## **Technical Data**

<b>Finish</b>	Flat, Semi-flat
<b>Color</b>	Limited
<b>Solid by volume</b>	100 %
<b>Specific Gravity</b>	1.50±0.10 gr/cm <sup>3</sup>
<b>Flash point</b>	65 °C
<b>Touch dry</b>	2 hrs. at 20 °C
<b>Hard dry</b>	72 hrs. at 20 °C
<b>Fully cured</b>	7 days at 20 °C
<b>Elongation</b>	Up to 20 % at 25 °C
<b>Hardness</b>	70-80 shore D
<b>Thermal resistance</b>	Max. 140 °C (dry exposure) Max. 60 °C (wet exposure)
<b>Shelf life</b>	12 months at 25 °C
<b>Package</b>	20 & 4 liter containers

## **Application Details**

<b>Application method</b>	Putty knife
<b>Surface temperature</b>	10-45 °C
<b>Mixing ratio</b>	3A+1B by weight
<b>Cleaner</b>	NZT-500/4
<b>Pot Life</b>	40 Min. at 20 °C 30 Min. at 30 °C
<b>Recoat interval</b>	Min 24 hrs. at 20 °C Max 3 days at 20 °C Recoating intervals related to later conditions of exposure