

# EPOXY TANKGUARD

Product code: PS3385

## Composition and Application Field

**EVI EPOXY TANKGUARD** is a two component amine adduct cured epoxy novolac coating. The product exhibits excellent adhesion, very good chemical, water and elevated temperature resistance up to 160°C

### Uses

**Substrates:** Steel

**Area of Use:** Internal

### Specification

<b>Finish</b>	: Semi-Gloss
<b>Color</b>	: White, Gray, Buff
<b>Specific gravity</b>	: $1.60 \pm 0.05$ depends on color
<b>Solids by Volume</b>	: $75 \pm 2.0$ % (mixed)
<b>Diluent</b>	: PT2001
<b>Flash point</b>	: 27°C
<b>Spread Rate</b>	: 7 m <sup>2</sup> / liter @ 100 microns
<b>Drying Time (30° C 50RH)</b>	
Surface Dry	: 1 hour
Dry Through	: 6 hours
Full Cure	: 7 Days
<b>Recommended DFT</b>	: 100 microns
<b>Heat Resistance</b>	: 160°C dry

### Surface Preparation

All surfaces must be free of grease, dirt and oil before blast cleaning to near white metal according to SSPC SP-10 or SSI-SA2.5.

### Application Method

The product comes in two different containers containing the base and hardener. Ensure that all the contents of the cans are all mixed together.

**Mixing Ratio: 5 : 1 by volume**

#### Mixing:

Power mix the base portion until a homogenous mix obtained. Slowly add the hardener and continue mixing for 5 minutes. This product can be applied as it is but in conditions where the viscosity becomes thick like during cold seasons, add appropriate Epoxy Thinner up to 5 percent.

### Application:

The recommended method of application is by airless spray with a minimum pump ratio of 30:1. Tip size of 0.021 to 0.025 will provide good spray pattern.

In touch up and hard to reach areas, brush can be used.

Clean equipment after usage with appropriate Tool Cleaner.

### Storage & Shelf Life

Under dry and cool condition, Storage stability can be sound up to 18 months in original sealed containers.

### HANDLING

**Disposal:** As per the guidance and legislations of the local Authority e.g., by controlled landfill.

In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.

**Caution:** It is strongly advised not to keep open half used drums as it forms a skin on the top layer

### Safety Precaution

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream. Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapor or spray. MSDS is available on request for the safe handling of this product.

### FIRST AID

**Eyes:** In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

**Skin:** Wash skin thoroughly with soap and water or approved Industrial cleaner. DO NOT USE solvent or thinners.

**Inhalation:** Remove to fresh air, loosen collar and keep patient rested.

**Ingestion:** In case of accidental ingestion DO NOT INDUCE VOMITING. Obtain immediate medical attention.