



# PU Protective Topcoat

## Technical Data Sheet

Product code: PS/3867

### Composition and Application Field

EVI PU Protective Topcoat is a two component Acrylic polyurethane topcoat cured with high cross linking aliphatic isocyanate. The product exhibits excellent gloss and color retention even in adverse climatic exposures. It is particularly recommended in areas perpetually exposed to sunlight due to its excellent resistance to UV degradation like Marine superstructures, transport industry, exteriors of storage tanks, fishing fleets, Support vessels, transmission towes, etc..

Substrates: As the final coat on top of heavy duty coating systems.

Area of Use: Interiors & exterior.

### Specification

Finish:	Glossy and smooth.
Color:	White and colors are available.
Specific gravity:	0.98 to 1.2
Solids (% by volume):	60 ± 2
Diluent:	EVI Marine Thinner
Drying Time (30° C):	Set to touch: 30-45min. Recoatable 4 hrs
Recommended DFT:	12-4mils

### Surface Preperation

Always ensure that the surface to be painted must be free of dirt oil and grease. When applied over a fully cured coatings, lightly sand the surface with a fine grit sandpaper, # 220 to # 300 will be enough to provide good adhesion.

### Application Method

Adequate ventilation should always be observed when applying EVI PU Protective Topcoat. This will ensure proper drying of the material. Never apply this product in adverse weather conditions such as when the temperature is below 5C or when the humidity level is above 90%.

The surface temperature should always be kept at not less than 3 degree above dew point. In confined spaces constant purging of air during application and drying is necessary to eliminate solvent vapors for reason of health and safety and to assist solvent evaporation.

#### Application:

The recommended method of application is by airless or air assisted airless spray. However the product can also be applied using conventional spray or brush. The addition of EVI Marine

Thinner depends on the application methods used which is in the range of 10 to 20 percent.

### Paint System

EVI PU Protective Topcoat	
Zinc Rich Epoxy	1 mil
Epoxy High Buid Intermediate	4-6 mils
PU Protective Topcoat	2-4 mils

\* Recommended system to be applied as per surface preperation, or as per EVI technical advice.

### Storage and 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.

Flash Point: Contains Organic and 25°C.

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 vapour 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: Move to fresh air, loosen collar and keep patient rested.