

# Technical Data Sheet

## PU ALIPHATIC 2 PACKS FOR MARINE PAINT

Product code: PS3867

### Composition and Application Field

**EVI PU Aliphatic 2 Packs for Marine Paint** 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 towers, etc.

### Use

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

Area of Use: Interiors & Exteriors.

### Specification

Finish	: Glossy
Colour	: White and colors are available
Specific gravity	: 0.98 to 1.2 depending on color
Solids by Volume	: 60% +/- 2%
Diluent	: EVI Marine Thinner
Flash point	: <21°C
Spread rate	:

While the spread rate is directly dependant on the surface profile and also the type of undulations it has, as a thumb rule Ritver PU Aliphatic 2 Packs for Marine Paint would cover 6 – 12 sq. meters per lit.

Drying Time (30° C)	: Set to touch: 30 – 45 minutes
	: Ready for Recoat: 4 hours
Recommended DFT	: App 50 – 100 microns

### Surface Preparation

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 Aliphatic 2 Packs. This will ensure proper drying of the material. Never apply this product in adverse weather conditions such as when the temperature is below 5°C 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.

### Technical Paint System

EVI PU ALIPHATIC 2 PACKS	1 mil
-EVI Epoxy Zinc Rich Primer	4 - 6 mils
-EVI Epoxy High Build Intermediate	
- <b>EVI PU Aliphatic 2 Packs</b>	<b>2 - 4 mils.</b>

- Or as per EVI technical advice.

### Storage & Shelf Life

Under dry and cool condition, storage stability can be sound up to maximum 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:** 28°C and contains aromatic hydrocarbons.

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

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