Gulf Guard Epoxy (Oil Tank)

Product Description

Gulf Guard Epoxy (Oil Tank) is based on 100% pure epoxy two pack high performance solvent free products, designed to resist aggressive chemicals, water, mineral oils, most of diluted acids and alkalis. It provides a hard impact and abrasion resistance with an excellent coating.

Recommended Usage

It is highly recommended for Oil tank steel surfaces.

Technical Data

Color	Limited colors.		
Finish	Smooth / glossy.		
Solid Content	100 % by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	200	300	250
Dry film thickness (microns)	200	300	250
Theoretical spreading rate (m2/ltr.)	5	3.3	4
Viscosity	2.5 – 3.5 min. by ford cup no. 4 @ 25ºC.		
Specific gravity	1.1 - 1.25 gm/cm³.		
Drying time	Dry to touch (hours)		3
	Dry to recoat (hours)		6
	Fully cured (days)		7
Cleaning	Falco Thinner 2050.		
Mixing ratio	4 parts A (base) : 1 part B (hardener)		
Pot life	50 min. @ 25ºC to be less at higher temp.		

Hint

Theoretical spreading rate is a value that depends on solid content and desired dry film thickness by the following equation:

$$\text{Theoretical spreading rate} = \frac{10 \times \text{solid content by volume}}{\text{DFT in microns}}$$

Application Data

Surface Preparation

The surface must be clean, dry and free from dust, oil, grease and any contaminations.

Tools

Roller.

Application Method

Apply two coats of Gulf Guard Epoxy (Oil Tank) by roller.

Recommended paint system full epoxy:

- Gulf Guard Epoxy (Oil Tank) 1 or 2 coats

2nd coat of Gulf Guard Epoxy (Oil Tank) is applicable before full curing of 1st coat.

Note: paint system may be varying according to the substrate.

Packing size

- 1 liter, 1 US gallon and 5 US gallons steel cans (for local).
- 1 liter, 1 US gallon, 18 liters steel cans (for export).

Storage

- The product should be stored in a dry, cool place and away from direct sun light.
- Cans should be well closed, classified according to the base and to be arranged by a maximum 3 plastic cans/row and 5 steel cans/row.

Health and safety

- Inhalation Risks:

  Vapor or mist can cause headache, nausea & irritation of the nose throat & lungs.

- Skin & Eye Contact:

  Use good personal hygiene practices while working with this material. Dry contaminated clothing before reuse. For eye contact, flush with fresh water for at least 15 minutes. If irritation persists, get medical attention.

- Skin Absorption : Not expected.

- Ingestion Health Risks:

  It may be harmful or fatal if swallowed. ingestion may cause nausea, vomiting & diarrhea. Consult a physician.

- Health Hazards : Acute & chronic (not expected).

- Emergency & First Aid Procedures:

1. Dermal : Clean with soap & water.
2. Ingestion : Consult a physician.
3. Inhalation : Remove to fresh air.

Fire & Fire Fighting Data

Flash Point	: None.
Flammable limits	: None.
Extinguishing media	: Foam, Alcohol Foam, CO2 and dry chemical.

Physical / Chemical Characteristics

Vapor Density	: Heavier than air.
Evaporation Rate	: Slower than other.
Solubility in Water	: Soluble.
Appearance/Odor	: Liquid, Mild Odor

For more information please refer to the Material Safety Data Sheet.