

EPOMARINE PC100 UNDERCOAT

TWO-PACK EPOXY FOR PRODUCT TANK COATING

N03021

PRODUCT DESCRIPTION & INTENDED USES High-build epoxy coating for interior surfaces of tanks where chemical, solvent and sea water resistance are required, especially cargo tanks of product carriers

FEATURES

- Remarkable resistance to crude oil, petroleum products, aliphatic solvents, sea water and a board range of chemicals
- Excellent high-build applicability
- Excellent antiabrasion and impact-resistant properties

COLOUR(S) Light Green

APPLICATION METHOD

Airless spray	:	Recommended
Nozzle tip	:	0.021~0.023"
Fluid pressure	:	100~150kg/cm ²
Thinning	:	0~8% by volume
Conventional spray, brush or roller		

THINNER Thinner No.31

MIXING RATIO Two-pack (Base/Hardener = 80/20 by wt.)

POT LIFE	【Temperature】	10 °C	20 °C	30 °C	-- °C
		12 hrs.	8 hrs.	4 hrs.	--

TYPICAL FILM THICKNESS **【Wet】** 248 μ m

【Dry】 125 μ m

SOLID VOLUME RATIO 50 %

SPREADING RATE

【Theoretical】	4.0 m ² /litre
【Practical】	Varies depending on surface conditions, environment, application, etc.

DRYING TIME	【Temperature】	10 °C	20 °C	30 °C	-- °C	
		【Set to touch】	3 hrs.	2 hrs.	1 hr.	--
		【Dry Hard】	48 hrs.	16 hrs.	12 hrs.	--
		【Before Flooding】	14 days	7 days	5 days	--

OVERCOATING INTERVAL	【Minimum】	48 hrs.	16 hrs.	12 hrs.	--
		【Maximum】	7 days	7 days	7 days

Refer to the technical information on "Product Tank Coatings" manual.

SHELF LIFE 12 months

SURFACE PREPARAION & APPLICATION CONDITIONS

- Remove salt and other water-soluble contaminants by fresh water hosing.
- Remove oil and grease, etc., with a suitable detergent or degreaser.
- Remove rust, mill-scale and other loose material by abrasive blasting to the grade of Sa 2 1/2.
- Remove dust and dirt by high-pressure air before paint application.
- Can be applied to well-prepared bare steel and suitable primer.
- Be sure that the surface is completely clean and free from condensation.

COATING SYSTEMS Please consult Kansai Paint Marine for the standard procedure to be followed.

CERTIFICATE(S) FDA for Low Moisture Fats & Oils

SAFETY PRECAUTIONS

Safety data sheet for this product is available upon request.

Minimum precautions to be taken in dealing with all paints are:

- Avoid skin and eye contact.
- If paint comes into contact with the skin, wash with warm water and/or a suitable cleanser. If paint comes into contact with the eyes, flush with copious amount of water and seek immediate medical attention.
- Ensure good ventilation.
- Paint products contain flammable materials. Please keep them away from sparks and prohibit any smoking in the vicinity.
- Observe all health and safety data on the container.

DISCLAIMER

The information given on this sheet is to the best of our knowledge and accurate at the time of printing.

Since conditions of use are beyond the manufacturer’s control, information contained herein is without warranty, implied or otherwise, and the suitability of the material for the use contemplated is the sole responsibility of the buyer. The information contained on this data sheet is subject to modification at any time due to our policy of modification and product development.

REMARKS

Refer to the technical information on “Product Tank Coatings” manual.

The theoretical spreading rate has been calculated according to the method of ISO 3233:1998.