

SEAMASTER ANTIFOULING COMPOSITION 6500

15.47

Rev 07

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Description

Seamaster Antifouling Composition 6500 is a tin-free vinyl based anti-fouling containing a blend of organic biocides selected for their wide range of fouling resistance to weed and shell growth and application over a coal tar epoxy anti-corrosive system, these anti-fouling are not affected by atmospheric exposure. For maximum performance two coats should be applied airless spray.

Performance Characteristic

Seamaster Antifouling Composition 6500 has to be applied over good anti-corrosive system. The anti-corrosive coating should be dry and free of all contamination (oil, grease, salt, etc.) and over coated within the specified over coating time.

Certification

It complies with requirements under:

- Recognised as a Halal product by LPPOM (MUI) Indonesia
- BKI Type Approval: Guidance for the Approval of Materials and Equipment for Marine Use (Pt. 1, Vol.W)

Physical Properties

| | |
|---|---|
| Vehicle Type | Modified vinyl |
| Pigmentation | Organic biocides combined with iron oxide |
| Solvent | S4002 Thinner |
| Volume Solid | Approximately 60% |
| Drying Time at (27 ± 2°C & RH : 80 ± 5%) | Touch Dry ≤ 30 minutes Hard Dry ≤ 4 hours |
| Dry Film Thickness | 25 ~ 30 microns per coat |
| Recoating Interval | 2 hours (minimum), indefinite (maximum) |
| Theoretical Coverage | 20 – 24 m²/litre (<i>Actual coverage is dependent on substrate condition</i>) |
| Colours | 6596 – Red |
| Gloss | ≤2% |
| Finish | Matt |
| Shelf Life | 24 months (27 ± 2°C) in full sealed containers |
| Storage Condition | Air tight, store in dry and cool conditions |
| Packing | 1 litre & 5 litres |
| Application Temperature | 5°C to 40°C |

Application Method

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|------------------------|---|
| Airless Spray Tip Size | By airless spray |
| Fluid Pressure | 0.021" ~ 0.031" |
| Thinning | 65 ~ 80°F, approximately 3000 psi |
| Cleaning Solvent | Not recommended. If necessary use Seamaster S4002 Thinner |
| Mixing Ratio | Seamaster S4002 Thinner |
| | Single Pack |

Application At Maintenance**Dry-docking**

The existing coating should be dry and free of marine fouling and all other contamination (oil, grease, salt, etc.). Fresh water should be used for washing down. Damaged and corroded areas should be touched with anti-corrosive paint. If the existing anti-fouling will not provide a suitable substrate, a barrier coat of anti-corrosive should be applied before over coating with anti-fouling.

Surface Preparation**Steel Surface :**

The mild steel substrate must be completely dry and free from rust, mill scale, dirt, grease and other contaminants before painting. For maximum adhesion and durability of paint performance, all bare metals should be sanded properly.

Aluminium Surface :

Remove oils, grease and dirt by using solvent or other cleaning chemicals.

Safety Precautions

Take normal precaution to avoid skin contact and inhalation of spray mist. Provide adequate ventilation. If the product comes in contact with the skin wash with lukewarm water and soap or suitable industrial cleaner. If the eyes contaminated, flush with water (min 10 mins) and seek medical attention at once.

Fire Risk

Flash point (abel closed cup) 32°C

Toxicity

Solvent toxic in confined spaces. Use adequate ventilation.

Note

When applied over undercoat and primer the system has Class 1 Resistance to surface spread of flame on steel.

Product Liability

The Seller warrants the product to be free from manufacturing defects in material and workmanship. The Seller's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited at the Seller's option, to either replacement of products not conforming to this warranty or credit to the Buyer's account in the invoiced amount of the non-conforming products.

The Seller makes no other warranties concerning this product. No other warranties, either express or implied, or satisfactory, and as warranties or merchantability or fitness for a particular purpose, shall apply. In no event shall the Seller be liable for consequential or incidental damages. Any recommendations or suggestion relating to the use of the products made by the Seller, whether in its technical limitation, or in response to specific inquiry, or otherwise, is based on data believed to be reliable, however, the products and information are intended for Buyers having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy itself of the suitability of the products for its own particular use, and it shall be deemed that the Buyer has done so, at its sole discretion and risk. Variation in environment changes in procedures of use or extrapolation of data may cause unsatisfactory results.