

## TECHNICAL DATA SHEET

### SEAMASTER 9500 EPOXY PRIMER

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<b>Description:</b>	Seamaster 9500 Epoxy Primer is a two pack epoxy primer imparting excellent adhesion to steel. Suitable for epoxy systems used in the chemical and petroleum industries on structural steel, storage tanks, equipmen. It can be overcoated with a wide range of systems and has anti-corrosive properties.
<b>Surface Preparation:</b>	
Steel structures:	Surface should be clean and dry free form oil,grease and other contamination Oil, grease should be removed in accordance with SSPC-SP1 solvent cleaning Abrasive blast cleaning min to Sa 2.5/ ISO 8501-1:1988 or SSPC -SP6 Surface profile 35-50 microns is recommended
<b>Physical Properties:</b>	
Vehicle type:	Epoxy-Polyamide cured
Pigmentation:	Anti-corrosive pigment, extenders and colours pigments
Mixing ratio:	Base (Part A) : Hardener (Part B) 4 : 1 (by volume)
Density (kg / litre):	1.30 ± 0.05
Volume solid:	58% ± 2%
Drying time at (30 ± 2°C & RH : 80 ± 5%)	Touch dry : ≤ 1 hr Hard dry : ≤ 4 hrs Overcoating time : 12 hrs (minimum), 7 days (maximum)
Typical thickness	50 - 75 microns DFT
Wet film thickness:	83 - 125 microns WFT
Theoretical coverage:	7.73 - 11.60 m <sup>2</sup> / litre
Colour:	Red, Light Grey, white
Finish:	Matt
Storage condition:	Store in cool, dry conditions
Pot life:	≤4 hrs
Shelf life:	5 years
Standard packing:	20 litres / 5 litres



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**Application Method:** Brush, roller, conventional spray or airless spray  
**Airless spray tip range:** 0.015" ~ 0.021"  
**Fluid pressure:** 65° ~ 80°F, approximately 2500 ~ 3000 psi  
**Thinning:** Not recommended. If necessary use Seamaster S4003

**Safety Precautions:**

**Health and safety:** Please refer to P.P.A. 3/3 and Product Health and Safety Information Sheet  
**Fire risk:** Flash point (abel closed cup) : 32°C (Part 1), 23°C  
**Toxicity:** Solvent toxic in confined spaces. Use adequate ventilation.  
**Note:** Observe all precautionary notices on containers. The theoretical coverage of the paint expressed in m<sup>2</sup> / litre assuming no loss factor.

**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.

