



**ATIYEH PAYESH BARAK CHEMICAL COMPANY
(OXsos)**

Marine, Offshore, Industrial & Protective Coatings

Data sheet

OXSOCHLOR DECK 551

Product Description

A modified chlorinated rubber topcoat with enhanced durability. It is highly recommended to be used in deck painting systems because of proper chemical and wear resistance. The product has also excellent resistance against seawater and alkalis. The product is easy to use and dries quickly so it is suitable for on-board maintenance.

Physical Properties

<u>Color/Texture</u>	Dark green (6028), Gray (7001), Red Brown (8012) / matt- Available according to the customer's request.
<u>Volume Solids</u>	39%
<u>Specific gravity</u>	1.30 ± 0.05 gr/ml
<u>Flashpoint</u>	>25°C

	Dry film thickness per coat (μ)	Wet film thickness per coat (μ)	Theoretical spreading rate (m ² /l)
Range	30 -50	80 – 130	13.0-7.8
Recommended	40	105	9.8

Note: Specific gravity of paint may vary slightly due to shade difference.

Application Data

<u>Guiding data Airless spray</u>	Pressure at nozzle: 120-180 bar. Spray angle: 60– 80 degrees.	Nozzle size: 0.40– 0.60 mm Volume of thinner: 0-3 %.
<u>Guiding data Air spray</u>	Pressure: 3-5 bar. Nozzle size: 1.2–1.5 mm. Volume of thinner: 1 –10% .	
<u>Brush/Roller</u>	Suitable. Multi coats are required to achieve the specified dry film thickness. Volume of thinner: 1 -5 %.	
<u>Thinner/ Cleaner</u>	OXSOS special Thinner T-61.	

Drying and Recoating Times¹

Substrate temperature	Touch dry	Dry to handle	Hard dry	Dry to recoat	
				Minimum	Maximum ⁽²⁾
10° C	4 hours	8 hours	5 days	14 hours	Indefinite
23° C	3 hours	6 hours	4 days	10 hours	Indefinite
30° C	2 hours	4 hours	3 days	8 hours	Indefinite
40° C	1 hours	2 hours	2 days	6 hours	Indefinite

(¹):The surface should be dry and free from salts and other contaminants prior to over coating. When in doubt,consult your nearest OXSOS office.

(²): The surface should be dry and free from contaminants prior to . The best intercept adhesion is achieved when the subsequent coat is applied before the preceding coat is fully cured. After prolonged exposure it may be necessary to roughen the surface to ensure intercept adhesion. When in doubt, consult your nearest OXSOS office.

Surface Preparation

Coated substrates

The surface must be dry and free from fouling, salts and other contaminants. Remove Salts and dirt by fresh water washing and hard fouling by scraping. and Damaged areas should be repaired first with an appropriate primer system.

Application Conditions

The temperature of the substrate should be at least 10°C and at least 3°C above the dew point of the air. Temperature and relative humidity should be measured in the vicinity of the substrate. Humidity should be below 80% RH. The maximum recommended surface temperature is approx. 35°C. Higher steel temperature is acceptable provided dry-spray is avoided by proper spray application and extra thinning if required. In extreme cases it may be necessary to reduce film thickness in order to avoid sagging. When applying the paint in confined spaces, provide adequate ventilation during application and drying. The temperature of the mixed paint should be at least 10°C; otherwise extra solvent may be required to obtain a proper application viscosity. The maximum temperature of paint before application should be 40°C.

Storage and Shelf Life

This product has the shelf life of 12 months in storage temperature of 10 -30°C. The cans are to be kept in a dry, cool, well ventilated space and away from source of heat and ignition. Cans must be kept tightly closed.

Worldwide Availability

The product is part of the common OXSOS product range but local availability is subject to confirmation. Although we strive to supply the same product through the world, slight modifications of the product in some cases may be necessary in order to comply with local conditions and national regulations. In such cases an alternative datasheet will issued.

Health and Safety

Observe the precautionary notices on the label of the container. A material safety data sheet is available upon request and national or local safety regulations should be followed. This product is intended for use by professional applicators. As a general rule, avoid skin- and eye contact by wearing overalls, gloves, goggles, mask, etc. Spraying should be carried out under well-ventilated conditions. This product contains flammable materials and should be kept away from sparks and open flames. Smoking in the area should not be permitted.

Disclaimer

The information in this data sheet is provided to the best of our knowledge. However, we have no control over either quality or condition of the substrate and other factors affecting the use and application of this product. Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from the use of this product. We reserve the right to change the product without notice.

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