

## TAKATA QUANTUM for COASTAL VESSEL

HYDROLYSIS TYPE TIN-FREE SELF-POLISHING ANTIFOULING COATING

N02050

PRODUCT DESCRIPTION Hydrolyzable type tin-free self-activating antifouling paint  
& INTENDED USES

FEATURES

- Silyl antifouling paint
- Environmentally friendly
- Self-polishing efficiency by hydrolysis same as TBT polymer
- Suitable for coastal voyage
- Long antifouling property
- Conform with "IMO Antifouling System Convention Compliant (AFS/CONF/26)

COLOUR(S) Red, Brown, Dark Brown

APPLICATION METHOD

Airless spray	: Recommended
Nozzle tip	: 0.027"
Fluid pressure	: 100~150kg/cm <sup>2</sup>
Thinning	: 0~8% by volume
Conventional spray, brush or roller	

THINNER Thinner No.16 (Japan), Thinner No.7 (except for Japan)

MIXING RATIO Ready to use

POT LIFE	<b>【Temperature】</b>	5 °C	10 °C	20 °C	30 °C
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TYPICAL FILM **【Wet】** 183 μ m

THICKNESS **【Dry】** 75 μ m

SOLID VOLUME RATIO 41 %

SPREADING RATE **【Theoretical】** 5.5 m<sup>2</sup>/litre

**【Practical】** Varies depending on surface conditions, environment, application, etc.

DRYING TIME	<b>【Temperature】</b>	5 °C	10 °C	20 °C	30 °C
	<b>【Set to touch】</b>	30 min	20 min	10 min	10 min
	<b>【Dry Hard】</b>	2 hrs.	1 hrs.	30 min	30 min
	<b>【Before Flooding】</b>	12 hrs.	10 hrs.	10hrs.	8 hrs.

OVERCOATING INTERVAL	<b>【Minimum】</b>	5 hrs.	4 hrs.	4 hrs.	4 hrs.
	<b>【Maximum】</b>	--	--	--	--

SHELF LIFE 9 months

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SURFACE PREPARAION & APPLICATION CONDITIONS	<ul style="list-style-type: none"> <li>- Remove salt and other water-soluble contaminants by fresh water hosing.</li> <li>- Remove oil and grease, etc., with a suitable detergent or degreaser.</li> <li>- Remove dust and dirt by high-pressure air before paint application.</li> <li>- Can be applied on suitable anticorrosives or existing antifoulings.</li> <li>- Be sure that the surface is completely clean and free from condensation.</li> </ul>
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COATING SYSTEMS	Please consult Kansai Paint Marine for the standard procedure to be followed.
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CERTIFICATE(S)	---
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SAFETY PRECAUTIONS	<p>Safety data sheet for this product is available upon request.</p> <p>Minimum precautions to be taken in dealing with all paints are:</p> <ul style="list-style-type: none"> <li>- Avoid skin and eye contact.</li> <li>- 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.</li> <li>- Be sure to wear protective goggles, masks, gloves, etc.</li> <li>- Paint products contain flammable materials. Please keep them away sparks and prohibit any smoking in the vicinity.</li> <li>- Observe all health and safety data on the container.</li> </ul>
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DISCLAIMER	<p>The information given on this sheet is to the best of our knowledge and accurate at the time of printing.</p> <p>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.</p> <p>The information contained on this data sheet is subject to modification at any time due to our policy of modification and product development.</p>
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REMARKS	<p>The colour may change after contact with sea water due to cuprous oxide dissolution into the sea water.</p> <p>The drying time and the overcoating interval may vary depending on the film thickness and/or painting specification for the actual application.</p> <p>The theoretical spreading rate has been calculated according to the method of ISO 3233:1998.</p>
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