

## NU CURRENT

## 防污漆 NU CURRENT

### PRODUCT DESCRIPTION

#### 产品简介

A tin-free self-polishing antifouling paint

无锡自抛光防污漆。

### RECOMMENDED USE

#### 用途

For ship bottoms & below water of steel structure.

用于船底及水下钢结构表面。

### FEATURES

#### 产品特性

Long-term protection against fouling

长期防污保护

Controlled surface smoothness by a self-polishing effect

通过自抛光效果使表面保持光滑

Free from organic tin compounds

不含有机锡成份

Outstanding high-build applicability

极好的厚涂性

Good workability

良好的施工性能

### PHYSICAL PROPERTIES

#### 基本数据

#### Color

#### 颜色

Oxide Red and Light Red

铁红色和浅红色

#### Volume Solids

#### 体积固体份

59%

#### VOC

#### 挥发性有机化合物含量

341g/L, accord with EU Directive 2004/42/EC, subcategory j

341g/L, 符合欧盟溶剂排放指令 2004/42/EC, j 子类别

#### Flash Point

#### 闪点

Greater than 29°C

29°C以上

#### Film thickness

#### 涂装膜厚

Dry : 60-125 microns/coat      Wet : 102-211 microns/coat

干膜: 60-125 μm/道      湿膜: 102-211 μm/道

#### Theoretical Coverage

#### 理论涂布率

7.37m<sup>2</sup>/Ltr/80 microns

7.37 平方米/升/80 μm

Practical coverage depending on surface conditions, environment, applications, etc.

实际涂布率与表面处理, 外界环境, 施工方法等多种因素有关。

### APPLICATION

#### 施工

#### Application Temperature

#### 施工温度

-10°C-40°C

#### Mixing

#### 混合

Mix thoroughly with power agitator

使用动力工具搅拌均匀

#### Mixing Ratio

#### 混合比例

One component coating

单组份涂料

#### Application Methods

#### 施工方法

Airless spray, air spray, brush and roller

无气喷涂、空气喷涂、刷涂、滚涂

Airless spray: 无气喷涂  
 Nozzle tip 喷嘴尺寸 0.43mm-0.53mm  
 Nozzle pressure 出口压力  $\geq 10\text{Mpa}$   
 Thinning ratio 稀释比率 0-10% by weight (重量比)

Brush/Roller: 刷涂、滚涂  
 Thinning ratio 稀释比率 0-10% by weight (重量比)

**Thinner**  
 稀释剂

**Special Thinner**  
 专用稀释剂

**Drying time & Overcoating interval**  
 干燥时间&涂装间隔

Temperature	温度	-5℃	5℃	20℃	30℃
Surface dry	指触干燥	8hrs	4hrs	1hr	0.5hr
Touch dry	半硬干燥	18hrs	12hrs	4hrs	3hrs
Min. interval	最小涂装间隔	14hrs	10hrs	5hrs	4hrs
Max. interval	最大涂装间隔	--	--	--	--

**Typical undercoat**  
 适用下涂  
**Typical topcoat**  
 适用上涂

Rabamarine AC, Vynilia BTM (S) or according to the coating system of Cosco Kansai.  
 氯化橡胶底漆等, 或参考我司推荐配套  
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**STORAGE**  
 贮存

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed.  
 贮存于干燥阴凉的环境中, 远离热源及火源。包装桶必须保持封闭。

**Shelf life**  
 贮存期限

12months from date of production (25℃)  
 自生产之日起 12 个月 (25℃)

**SURFACE PREPARATION**  
 表面处理

Remove salt and other water-soluble contaminants by fresh water.  
 用清水冲去盐份及其它水溶性污物。  
 Remove oil and grease with suitable detergent or solvent(SSPC-SP-1).  
 依照 SSPC-SP1 溶剂清洗标准除去油脂。  
 Remove dust and dirt by high-pressure air before paint application  
 高压空气吹扫除去表面的灰尘等。  
 All surface to be coated should completely clean, dry and free from contamination.  
 涂漆前确认表面清洁干燥无灰尘无污染物。  
 Can be applied on suitable anticorrosives or existing antifouling  
 可以涂装在适当的锈蚀表面或残留的防污漆表面  
 Do not apply when relative humidity is 85% or higher  
 相对湿度高于 85%时不能施工  
 The substrate temperature should be min. 3℃ above the dew point of the air  
 施工温度必须高于露点 3℃

**SAFETY PRECAUTIONS**  
 安全措施

Detail information is given on MSDS.  
 详细信息参见化学品安全说明书。

Avoid inhalation of spray mist or vapour.

避免吸入漆雾或蒸气。

Paint contacted with skin should be immediately removed with water and/or suitable cleanser. Eyes should be flushed with water and seek immediate medical attention.

如果油漆接触到皮肤，应用温水以及（或者）适当的清洗剂清洗。如果油漆接触到眼睛，应用大量水冲洗并立即就医。

Be sure to wear protective goggles, masks, gloves, etc.

施工必须佩带手套、面罩、护目镜等

Since this product contains flammable solvents, keep away from sparks and open flames.

因为产品中含有挥发性溶剂，避开火花和明火。

Observe all health and safety data on the container

包装容器上可查看有关安全和健康的参数

Application and handling of this product should be in compliance with relevant national regulations.

使用本产品应遵守相关国家安全规定。

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## REMARKS

### 备注

The colour may change after contact with sea water due to cuprous oxide dissolution into the sea water.

The drying time and the overcoating interval may vary depending on the film thickness and/or painting specification for the actual application. The theoretical spreading rate has been calculated according to the method of ISO 3233:1998

接触海水由于氧化铜会溶于海水后,漆膜可能变色。涂膜的干燥时间和涂装间隔由于涂装膜厚以及实际施工条件等因素的不同而有差异。理论涂覆率依据计算需参照 ISO 3233:1998。

Issued Date

发行日期

2022/12

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