

Technical Data

HALOX® 570

有机腐蚀抑制剂

化学性质:

有机酸胺络合物

产品概述:

HALOX® 570是一款有机腐蚀抑制剂，设计用于水性工业涂料和防腐蚀涂料，可为金属表面提供防闪锈和长期防腐蚀保护。HALOX® 570在焊缝处特别有效，在某些情况下，也可用于溶剂型涂料和UV固化体系。

HALOX® 570可用于水性丙烯酸体系，苯丙乳液体系，丙烯酸酯环氧树脂体系，双组份环氧体系，醇酸树脂体系，醇酸/丙烯酸共混物体系和单、双组分聚氨酯的配方中。

HALOX® 570可用于水性防腐蚀底漆和DTM直接金属面漆（底面合一涂料）。在直接金属涂层中，HALOX® 570基本不影响涂料光泽。

*** 产品应用:**

建议添加量为1-4% HALOX® 570 (30%水溶液)，基于总配方。最佳性能所需的HALOX® 570的量应在推荐浓度范围内的试验中确定。

溶解性:

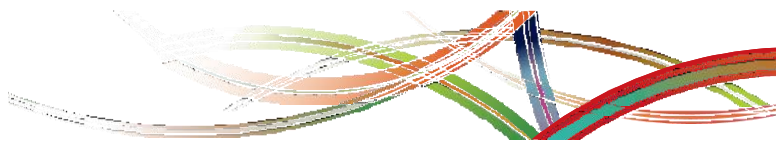
(g/100 g of neutralized 30% solution*) at 20°C

Isopropanol	~30
n-Butanol	~20
Diethylene glycol methyl ether	~40
Methyl isobutylketone (MIBK)	~15
Xylene	<1
Aliphatic hydrocarbons (boiling range: 160-200°C)	<1
Water (pH 7)	≤0.25

典型数据:

建议添加量以总配方量为基准

外观:	White to light beige crystalline powder
Melting Range	67-73°C
Density (g/ml)	1.24
pH (10% solution by wt)	6.5
OA吸油量 (lbs/100 lbs)	12.9



* See neutralization example on Page 2

Our Manufacturing Systems are ISO 9001 and ISO 14001 certified

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, ICL Advanced Additives ("ICL") makes no representations or warranties as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will ICL be responsible for damages of any nature whatsoever resulting from the use or reliance upon Information or the product to which Information refers. Nothing contained herein is to be construed as a recommendation to use any product, process, equipment or formulation in conflict with any patent, and ICL makes no representation or warranty, express or implied, that the use thereof will not infringe any patent. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.

代理商:上海鹏畔贸易有限公司
Shanghai Pengpan Chemical Co.,Ltd.
网址: www.pengpanchemical.com

联系地址:中国 上海市 闵行区光华路18号
联系电话:021-51761570 技术支持: 18018683003
邮箱地址:Tracy@pengpanchemical.com



HALOX® 570

有机腐蚀抑制剂

US Patent No. 5,519,074

有几种方法可以加入HALOX® 570。优选的方法是，使用在您的固化条件下挥发的胺，制备预先中和的浓缩物，然后添加或添加到调漆中。

中和方法:

HALOX® 570 (approx. 30% solution)	Weight
去离子水	62.8
28% 氨水	7.2
HALOX® 570	<u>30.0</u>
Total	100.0

缓慢搅拌, 调节 pH 8-9。

上海鹏畔贸易有限公司

或者，可以根据上面的溶解度数据在共溶剂中制备浓缩物，然后添加后或直接添加到调漆中。它也可作为固体添加到颜料中进行研磨。

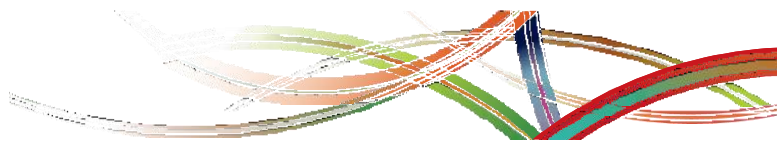
通常，将含水浓缩物或共溶剂溶液添加到双组份环氧树脂的胺/酰胺部分或双组份聚醚多元醇中。

如果可能，应避免使用含有醋酸的表面活性剂、稳定剂、硬化剂的系统。

如果要替代含有重金属的防腐颜料，请使用增量剂（填料）补偿其替代部分的量，以使PVC：CPVC的比例保持不变。HALOX® 570可与抗腐蚀颜料结合使用，优选基于无毒或可根据适用于法规报告的化合物。检查兼容性，保质期（例如在高温下加速），固化和适用期（如果适用）。其他配方变量也可以优化，例如，分散剂，表面活性剂和PVC：CPVC比。

应用领域:

水性集装箱涂料、水性重防腐涂料、航空航天涂料、水性船舶涂料、水性双组份聚氨酯涂料、水性氨基烤漆、水性工程机械涂料、水性汽车漆、溶剂型粉末涂料、卷材卷钢涂料等。



Our Manufacturing Systems are ISO 9001 and ISO 14001 certified

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, ICL Advanced Additives ("ICL") makes no representations or warranties as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will ICL be responsible for damages of any nature whatsoever resulting from the use or reliance upon Information or the product to which Information refers. Nothing contained herein is to be construed as a recommendation to use any product, process, equipment or formulation in conflict with any patent, and ICL makes no representation or warranty, express or implied, that the use thereof will not infringe any patent. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.

代理商:上海鹏畔贸易有限公司
Shanghai Pengpan Chemical Co.,Ltd.
网址: www.pengpanchemical.com

联系地址:中国 上海市 闵行区光华路18号
联系电话:021-51761570 技术支持: 18018683003
邮箱地址:Tracy@pengpanchemical.com