

Acrylic copolymer emulsion

Technical Data Sheet

Name: Vesmody H400
Revision Date: 2020-09-04

NO.WHSM_H400
Version: 1.4

Product Description

Vesmody H400 is an acrylic copolymer emulsion with a hollow-sphere structure, which increases light scattering efficiency and reduces titanium dioxide agglomeration. It can replace the use of titanium dioxide and reduce the raw material cost. Ammonia-free and low VOC. Biocide: (CMIT: MIT=3:1) 0.014‰, MIT 0.240‰.

Properties

1. Offers partial replacement of TiO₂ and lowers TiO₂ demand
2. Improve the dry hiding capability, optimize the formulation cost
3. Enhance paint scrub resistance and stain removability
4. Wide formulation latitude

Characteristic data*

Property	Value	Unit	Method
Appearance	Milky white liquid		
Weight Solids	30-32	%	WHPU/T011-571-2017
pH	7.0-9.0		GB/T 6920-1986
Viscosity	≤1000	mPa·s	GB/T2794-2013(Brookfield RV,2#/30rpm)

*These properties are typical but do not constitute specifications.

*Instructions: Avoid direct contacting with high concentration of solvents and coalescents when using hollow-structured emulsion, such as Vesmody H400. Because the emulsion might become unstable if exposed to too high concentration. To achieve better results, Vesmody H400 should be added before the final latex added in the paint making process.

Storage

Vesmody H400



The product should be stored in dry conditions above 5°C and below 35°C with the integrity of the packaging, and prevent direct sunlight. The validity of this product is for 12 months, performance assessment is recommended before use after more than 12 months. The product should be protected from freezing during storage. It is suggested to filter before application when necessary and use up soon once the package is open.

Disclaimer: Wanhua Chemical Group Co., LTD. recommends that any customers of this material should check with Materials Safety Data Sheet (MSDS) for details about safely handling this material. We also suggest that you contact the suppliers of any other materials used in our recommended formulations and suggestions for appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.

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