

# ZOHO<sup>®</sup> HE9158

HE9158 is an acrylic resin for water-based baking paints.

## Characteristics

It is used to prepare water-soluble glass baking paint with methyl ether amino resin.

# **Delivery** form

60% in PM;

#### **Product specifications**

Solid Content: 58.0–62.0%

Viscosity (25°C, NDJ rotational viscometer): 8.0-15.0 Pa.s

clear and transparent

Color number  $\leq 2\#$  (Fe-Co)

Acid value 55.0 - 65.0 mgKOH/g

Appearance

The following items are not required:

density (20°C) 0.99-1.03 g/ml

# Principal properties

High gloss and high hardness; Good water resistance, good alcohol resistance; Good adhesion to glass.

# Applications

It is mainly used for the preparation of glass baking paint/ink. Before use, it is necessary to add 9% of the resin amount of DMEA to neutralize.

#### Compatibility with resins and solvents

| R717 amino<br>resins | + | 325 amino<br>resins | + | isobutanol | + | BCS | + |
|----------------------|---|---------------------|---|------------|---|-----|---|
| 303 amino<br>resins  | + | 625 amino<br>resins | + | n-butanol  | + | CAC | + |

Note: + means soluble/miscible; Omeans partially soluble/partially miscible;

- means insoluble/incompatible.

#### Reference recipe

| transparent blue paint |     |  |  |  |  |
|------------------------|-----|--|--|--|--|
| HE9158                 | 55  |  |  |  |  |
| DMEA                   | 5   |  |  |  |  |
| EFKA3034               | 0.3 |  |  |  |  |
| Tego 245               | 0.3 |  |  |  |  |
| 958 coupling agent     | 2   |  |  |  |  |
| 325 amino resins       | 12  |  |  |  |  |
| blue metal complex dye | 10  |  |  |  |  |
| BCS                    | 10  |  |  |  |  |
| deionized water        | 5   |  |  |  |  |

### Storage guidelines

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature no more than 30°C. Exposure to direct sunlight should be avoided.

#### Shelf life

Under above mentioned storage condition, the shelf life of the resin will be 365 days after production.

For more than 365 days, the goods are still owned by ZOHO Company, the company's QC can make the corresponding extension of the shelf life after testing qualified.

#### Material safety

This product data sheet only applies to the latest version of Material Safety Data Sheet. Any updates to safety-related information that are consistent with legal requirements will only be reflected in the safety data sheet, at the same time the Sheet will be updated and published. Information on current classification and labelling, application and process methods, and more safety-related data can be found in the latest Material Safety Data Sheet.

1.1 / 19.10.2023 (Replace all previous versions)

1/1

Disclaimer: ZOHO assumes no responsibility for any person's use of any information contained herein. The information contained in this sheet is only the best knowledge of the product held by ZOHO. It does not constitute a warranty of any kind as to the accuracy, completeness or relevance of the data listed herein. The sheet contained herein should not be construed as granting any license or right under any patent or other intellectual property right of ZOHO or any third party. Product information is for reference only. We make no warranties or guarantees as to the suitability of the products and/or information for any particular purpose, performance or results. Users should conduct self-testing in order to determine suitability for a particular purpose. The final selection of products and/or information and the investigation of any possible infringement of the intellectual property rights of ZOHO and/or third parties are the sole responsibility of the user.