

# TECHNICAL DATA SHEET

## EXP-EPS<sup>®</sup> 563

Acrylic copolymer

### MARKET SEGMENTS

Industrial Maintenance, Industrial OEM

### DESCRIPTION

EXP-EPS<sup>®</sup> 563\* has been developed for 2K industrial metal, glass and plastic applications where high performance and low VOC are required. This resin is intended to be used in combination with isocyanate or melamine resins.

### PROPERTIES

- High Gloss
- Excellent chemical resistance properties
- Low VOC
- No popping @ high film thickness
- Excellent anti-blocking

### COMMON APPLICATIONS

Topcoat

#### Specifications

Weight Solids	45.5 ± 1
Viscosity, 23 °C [mPa·s]	< 500
pH	8.5 – 9.5

#### Typical Properties

MFFT	n/a
Density @ 20 °C [kg/m <sup>3</sup> ]	1044
Acid value [mg KOH/g]	10 ± 2
Hydroxyl content [% on TRS]	~3.3

EXP-EPS<sup>®</sup> 563 should be stored in a closed container at a dry place at storage temperatures between 5 °C and 30 °C. Under the above-mentioned storage condition, the stability will be 6 months.

(\* NB: EXP-EPS<sup>®</sup> 563 is an experimental product. Both composition and processing conditions may be subject to change

Questions? Call EPS Customer Service @ +31 78 683 3250 / Email: [info.nl@eps-materials.com](mailto:info.nl@eps-materials.com)

5/17/2022

**TECHNICAL SUPPORT:** These guidelines are offered to assist the paint formulator in achieving the high performance properties noted and are offered for illustration purposes only; the paint formulator bears sole responsibility for the performance of the final coating product.

**SDS:** For details on health, safety and handling information, Safety Data Sheets (SDS) are available at [www.epscca.com](http://www.epscca.com).

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. EPS assumes no obligation or liability for use of this information. UNLESS EPS AGREES OTHERWISE IN WRITING, EPS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR FREEDOM FROM PATENT INFRINGEMENT. EPS WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. Unless otherwise agreed in writing, all sales of EPS products are governed by the EPS Terms and Conditions of Sale, available at <https://www.epscca.com/galleries/pdfs/salesterms.pdf>.