

# Technical Data Sheet

## EPOSIL Resin 5550

### Description

EPOSIL™ Resin 5550 is a siloxane modified hybrid epoxy resin designed to be formulated into protective topcoats. This resin can be cross-linked by an amine or amino-silane curing agents. EPOSIL™ Resin 5550 can be used to develop isocyanate-free, high performance topcoats with the potential to reduce overall cost of ownership through improved durability and fewer number of coating layers.

### Application Areas/Suggested Uses

- Protective/Industrial Topcoats
- Transportation and Marine Coatings
- Graffiti-resistance and Dry Erase Coatings
- Machinery & Equipment Coatings
- Concrete Flooring Topcoats

### Benefits

- Lower yellowing
- Excellent chemical resistance
- Longer pot life
- Lower product viscosity
- Superior gloss

### Sales Specifications

Property	Value	Unit	Test Method
Color	1	Gardner	ASTMD1544
Epoxide Equivalent Weight	410 - 450	g/eq	ASTMD1652
Viscosity @25°C	250 - 550	cP	ASTMD2196

### Typical Properties

Property	Value	Unit	Test Method
Color	100	Pt-Co	ASTMD1209
Density @25°C	9.26	lbs/gal	ASTMD1475

### Safety, Storage & Handling

Please refer to the SDS for the most current Safety and Handling information.

Please refer to the Hexion Inc. web site for Shelf Life and recommended Storage information.

Exposure to these materials should be minimized and avoided, if feasible, through the observance of proper precautions, use of appropriate engineering controls and proper personal protective clothing and equipment, and adherence to proper handling procedures. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet (SDS) for these and all other products being used are understood by all persons who will work with them. Questions and requests for information on Hexion Inc. ("Hexion Inc") products should be directed to your Hexion sales representative, or the nearest Hexion sales office. Information and SDSs on non-Hexion products should be obtained from the respective manufacturer.

### Packaging

EPOSIL Resin 5550

<https://www.hexion.com/en-US/product/eposil-resin-5550>

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Issue Date:

Revision:

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Available in bulk and drum quantities.

## Contact Information

For product prices, availability, or order placement, visit the "Contact Us" section of our website. For literature and technical assistance, visit our website at: [www.Hexion.com/epoxy](http://www.Hexion.com/epoxy)

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