

Technical Data Sheet

EPON™ Resin 233

Product Description

EPON™ Resin 233 is a low viscosity resin based on a mixture of Bisphenol-F epoxy resin and a Bisphenol-A epoxy resin that has been modified to provide easy handling, superior compatibility (no induction) and excellent concrete adhesion when used with cycloaliphatic amine curing agents.

Application Areas/Suggested Uses

EPON™ Resin 233 is specifically designed for use with EPIKURE™ Curing Agent 3393 in primer/sealer applications that require a high degree of resistance to moisture vapor transmission.

This low viscosity epoxy resin is also suitable for use in highly-filled formulations. EPON Resin 233 offers superior resistance to crystallization and can be used in applications such as self-leveling flooring, solvent-free coatings, casting resins, mastics and adhesives.

Benefits

- Class 1 Vapor Suppression is possible when used with EPIKURE Curing Agent 3393 over properly prepared concrete substrates and appropriate film thickness for the specific application.*
- Low viscosity epoxy resin
- Good pigment, filler and substrate wetting
- Superior mechanical properties

* Based on independent third party testing

Sales Specifications

Property	Value	Unit	Test Method
Color	200max.	Pt-Co	ISO 6271
Epoxy Number	25.6 - 26.8	%	DIN 16945
Viscosity at 25°C	500 - 700	mPa.s	DIN 53015

Typical Properties

Property	Value	Unit	Test Method
Delivery Form	Liquid		
Density at 20°C	1.16 - 1.18	g/cm ³	ISO 2811
Epoxide Equivalent Weight	160 - 168	g/eq	DIN 16945

Safety, Storage & Handling

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

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

EPON Resin 233 should be stored at room temperature in conditions such that moisture is excluded, in the original containers kept tightly closed. Under these conditions the shelf life should be a minimum of three years from date of certification

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

EPON Resin 233
<https://hexioninternet-hexioninternet-slave.azurewebsites.net/en-US/product/epon-resin-233>

Generated: July 1, 2022
 Issue Date:
 Revision:

© and ™ Licensed trademarks of Hexion Inc.

The information provided herein was believed by Hexion Inc. ("Hexion") to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. All products supplied by Hexion are subject to Hexion's terms and conditions of sale. **HEXION MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY HEXION**, except that the product shall conform to Hexion's specifications. Nothing contained herein constitutes an offer for the sale of any product.

materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheet (MSDS) 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") products should be directed to your Hexion sales representative, or the nearest Hexion sales office. Information and MSDSs on non-Hexion products should be obtained from the respective manufacturer.

Packaging

Available in bulk and drum quantities.

Contact Information

For product prices, availability, or order placement, visit the [Contact Us](#) section of our web site

For literature and technical assistance, visit our website at: www.hexion.com/epoxy

EPON Resin 233

<https://hexioninternet-hexioninternet-slave.azurewebsites.net/en-US/product/epon-resin-233>

Generated: July 1, 2022

Issue Date:

Revision:

® and ™ Licensed trademarks of Hexion Inc.

The information provided herein was believed by Hexion Inc. ("Hexion") to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. All products supplied by Hexion are subject to Hexion's terms and conditions of sale. **HEXION MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY HEXION**, except that the product shall conform to Hexion's specifications. Nothing contained herein constitutes an offer for the sale of any product.