

Technical Data Sheet

EPON™ Resin CS-267

Product Description

EPON™ Custom Solution CS-267 is a 65%w solution of a modified fusion derived solid bisphenol A/epichlorohydrin epoxy resin thinned in a 1:1 blend of propylene glycol methyl ether acetate and toluene. This product is designed specifically for reaction with urea, phenolic, and melamine resins to produce baking finishes that require low volatile organic compound (VOC) compliance.

Sales Specifications

Property	Value	Unit	Test Method
Color	3 max.	Gardner	ASTMD1544
Solids	64 - 66	% wt.	
Viscosity at 25°C	X - Z2		ASTMD1545
Weight per Epoxide	2700 - 3300	g/eq	ASTMD1652

Typical Properties

Property	Value	Unit	Test Method
Appearance	Crystal clear solution		
Density at 25°C	8.8	lb/gal	ASTMD1475
Flash Point, Setflash	<99	°F	ASTMD3278
Solvent Composition Propylene Glycol Methyl Ether Acetate Toluene	50	% wt.	

Processing/How to use

General Information

Table 1 /Film Properties¹

	Units	A	B	C
Cure Cycle at 400°F	minutes	5	10	15
Flexibility, (Wedge bend mm of failure)		20	16	15
MEK-double rubs ²		80	60	80
Steam processing (90 minutes @ 25 psig)		OK	OK	OK

¹ EPON Custom Solution CS-267/Beckamine 21-511 (Reichhold Chemical, Inc.), 80/20 by wt. @ 40% solids was drawn down on tinplate to a dry film thickness of 0.5 mils.

² The films seem to have softened under all three bake schedules.

FDA Status

For further information on the FDA status of EPON resin products, contact your Hexion Sales Representative.

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 Custom Solution CS-267 is a "flammable liquid" according to the Department of Transportation Regulations (Code of Federal Regulations, Title 49 as revised by HM-181). A container label, easily identified by the DOT diamond displaying a flame pictograph on a red background must be prominently displayed on each drum.

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 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, please contact customer service:

www.hexion.com/Contacts/

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

EPON Resin CS-267

<https://www.hexion.com/en-US/product/epon-resin-cs267>

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