

Technical Data Sheet

EPIKURE™ Curing Agent P-202

Product Description

EPIKURE Curing Agent P-202 is a phenolic hydroxyl terminated solid flaked curative for functional and decorative epoxy powder coatings. EPIKURE Curing Agent P-202 contains 2-methylimidazole that functions as an accelerator to reduce the cure cycle.

Benefits

- EPIKURE Curing Agent P-202 is extremely clean. This is achieved by incorporating special process techniques that include filtration of the product.
- The curative is packaged to minimize moisture pick-up.

Sales Specifications

Property	Value	Unit	Test Method
Melting Point	65 - 75	°C	SMS 2868
Color ¹	100 max.	Pt-Co	ASTMD1209
Phenolic Hydroxyl	0.37 - 0.41	eq/100g	SMS 2390
Water	0.3 max.	% wt.	SMS 2777

¹ Determined on a 40% by weight solution in MEK.

Typical Properties

Property	Value	Unit	Test Method
Viscosity ¹ at 25°C	5.5 - 8.5	cP	ASTMD445
Density ²	1.18	g/cm	
Hydrolyzable Chlorine Content	0.015 max.	% wt.	ASTMD1726
Physical Form	Flakes		
2-Methylimidazole	2.0 ± 0.1	% wt.	
Moisture	< 0.3	% wt.	

¹ Determined on a 40% by weight solution in MEK.

² Powder Coating Institute (PCI) recommended procedure #4, Density of Powder Coating Materials.

General Information

Table 1 / Suggested curing agent levels for selected epoxy resins

	Parts per 100 parts of EPON Resin ¹
	EPIKURE Curing Agent P-202
EPON™ Resin 2002	28.4
EPON Resin 2004	22.1
EPON Resin 2014	25.5

¹ The values are based on the mid-range of the equivalent weight specification for each epoxy resin and curing agent. With EPIKURE Curing Agent P-202, 80% of the stoichiometric level is recommended to compensate for epoxy homopolymerization that occurs in the presence of the contained catalyst.

Safety, Storage & Handling

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

Please refer to the Hexion 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 Specialty Chemicals, Inc. ("Hexion") 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

Available in fiber drum quantities.

Contact Information

For product prices, availability, or order placement, call our toll-free customer service number at: 1-877-859-2800

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