

# Technical Data Sheet

## EPIKURE™ Curing Agent 200-N-60

### Product Description

EPIKURE Curing agent 200-N-60 is a 60% (m/m) solution in n-butanol of EPIKURE Curing agent 200, a resole type phenol-formaldehyde resin.

### Application Areas/Suggested Uses

EPIKURE 200-N-60 is recommended as a co-curing resin with EPIKOTE™ Resin grades (e.g. EPIKOTE Resin 1009, 1007, 1055, 1001) for the production of internal can lacquers. By using the appropriate resin grade, high solids (ca. 50%) lacquers can be formulated. Cured lacquers show a high level of flexibility, adhesion and sterilisation resistance. The high reactivity of EPIKURE 200-N-60 may make it suitable for coil coating applications.

### Benefits

- o High level flexibility
- o High solids formulation
- o Good adhesion
- o Good sterilisation resistance
- o High reactivity

### Sales Specifications

Property	Value	Unit	Test Method
Colour	3 max	Gardner	ASTMD1544
Free Formaldehyde Content	0.5 max	% m/m	ISO 9397
Free Phenol Content	1.0 max	% m/m	GLC
Methylol Content	10.5 - 14	% m/m	ASTMD4706
Molecular Weight	1300 - 1900	g/mol	ASTMD6474
Non Volatile Content	59 - 61	% m/m	ISO 1515
Viscosity at 25°C	450 - 800	mPa.s*	ASTMD2196

\* 1 mPa.s = 1 cPoise

### Typical Properties

Property	Value	Unit	Test Method
Density at 25°C	0.95 - 0.97	kg/L	SMS 2570
Flash Point, Setflash	35	°C	ASTMD93

EPIKURE Curing Agent 200-N-60  
<https://www.hexion.com/en-US/product/epikure-curing-agent-200-n-60>

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## Safety, Storage & Handling

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

EPIKURE 200-N-60 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 6 months from date of certification.

The viscosity of EPIKURE 200-N-60 may decrease during the first few months after production. This effect is caused by the butylation of OH-groups by the solvent and does not influence the performance of EPIKURE 200-N-60