

# Product Data Sheet

April 2006

## D-Cure 305

### Product description

**D-Cure 305** is a low viscosity modified cycloaliphatic amine curing agent. This curing agent is characterised by a high reactivity combined with a good chemical and mechanical resistance. It provides good yellowing resistance to the final system.

### Product applications

**D-Cure 305** is used in combination with liquid epoxy resins in the formulation of two-pack ambient curing systems. The application areas for this product are as wide as solvent-free coatings, tank linings, self-levelling floorings or adhesives.

### Product characteristics

Viscosity <sup>a</sup> @ 25°C	(mPa.s)	:	500 - 700
Gardner color		:	2 max
Solids content	(wt %)	:	100
Specific gravity @ 20°C	(g/cm <sup>3</sup> )	:	1.05
HEW <sup>b</sup>	(g/mol H)	:	105

a Brookfield viscosity

b HEW : Hydrogen Equivalent Weight (g/mol)

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## System characteristics

phr <sup>c</sup> with liquid resin	(EEW <sup>d</sup> = 184 -190) :	56
Gel time <sup>e</sup> @ 23°C	(minutes) :	30 to 35

- c phr : Parts per Hundred Parts of resin  
d EEW : Epoxy Equivalent Weight (g/mol)  
e Tecam gel time, 100 g mass