

Product Data Sheet

April 2006

D-Cure 240

Product description

D-Cure 240 is a phenalkamine curing agent. This curing agent is characterised by a high reactivity combined with a high chemical and water resistance. It cures in the presence of moisture, at low temperature and ensures good adhesion to poorly prepared substrates. In addition, mixing ratios between **D-Cure 240** and epoxy resins are not critical.

Product applications

D-Cure 240 is used in combination with liquid or solid epoxy resins in the formulation of two-pack ambient curing systems. The application areas for this product are as wide as high-solids epoxy primers for e.g. marine coatings, tank and pipe linings, masonry coatings or concrete repair. **D-Cure 240** enables the formulation of adhesives for automotive applications.

Product characteristics

Viscosity ^a @ 25°C	(mPa.s)	:	2000 - 4000
Gardner color		:	15 max
Solids content	(wt %)	:	100
HEW ^b	(g/mol H)	:	75

a Brookfield viscosity

b HEW : Hydrogen Equivalent Weight (g/mol)

1/2

The information provided is to the best of our knowledge reliable but its accuracy is not guaranteed and no warranty of this kind is made

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System characteristics

phr ^c with liquid resin	(EEW ^d = 184 -190) :	40
Pot life @ 25°C	(minutes) :	35 to 50
phr ^c with solid resin	(EEW ^d = 450 -520) :	10
Typical solvent blend	(pbw ^e) :	X:B:C:M ^f 2:1:1:1

c phr : Parts per Hundred Parts of resin

d EEW : Epoxy Equivalent Weight (g/mol)

e pbw : parts by weight

f X : xylene, B : butanol, C : MEK, M : MIBK