

Product Data Sheet

April 2006

D-Cure 241

Product description

D-Cure 241 is a phenalkamine curing agent. This curing agent is characterised by a high chemical resistance. It cures in presence of moisture, at low temperature and ensures good adhesion to poorly prepared substrates. In addition, mixing ratios between **D-Cure 241** and epoxy resins are not critical.

D-Cure 241 is available as a solvent-free curing agent or as a 65% solution in xylene/butanol (**D-Cure 241XB65**).

Product applications

D-Cure 241 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 heavy-duty anti-corrosive coatings, in particular for marine applications.

Product characteristics

		D-Cure 241	D-Cure 241XB65
Viscosity ^a @ 25°C	(mPa.s) :	20000 - 35000	100 - 150
Gardner color	:	17 max	15 max
Solids content	(wt %) :	100	65
HEW ^b	(g/mol H) :	120	185

a Brookfield viscosity

b HEW : Hydrogen Equivalent Weight (g/mol)

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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 D-Cure 241 with liquid resin	(EEW ^d = 184 -190)	:	65
Pot life @ 25°C	(minutes)	:	50 to 80
phr ^c D-Cure 241 with solid resin	(EEW ^d = 450 -520)	:	25
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