

# Preliminary Product Data Sheet

March 2011

## D-Cure 431

### Product description

**D-Cure 431** is an accelerated polyaminoamide curing agent for use with solventfree epoxy resins. This curing agent is ideal for the formulation of systems for concrete, in applications such as trowellable floors, concrete coatings, concrete adhesives, mortars, patching and concrete repair.

### Product characteristics

Viscosity <sup>a</sup> @ 25°C	(mPa.s)	:	400 - 800
Gardner color		:	12 max
Solids content	(wt %)	:	100
HEW <sup>b</sup>	(g/mol H)	:	75

a Brookfield viscosity

b HEW : Hydrogen Equivalent Weight (g/mol)

### System characteristics

phr <sup>c</sup> with liquid resin	(EEW <sup>d</sup> = 190)	:	40
Pot life <sup>e</sup> @ 25°C	(minutes)		
with E-Pos 327H <sup>f</sup>		:	55
with E-Pos 540 <sup>g</sup>		:	85

c phr : Parts per Hundred Parts of resin

d EEW : Epoxy Equivalent Weight (g/mol)

e Pot life, 150 g mass @ 25°C

f Solventfree undiluted Bisphenol A-based epoxy resin

g Solventfree diluted Bis A/Bis F-based epoxy resin

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