

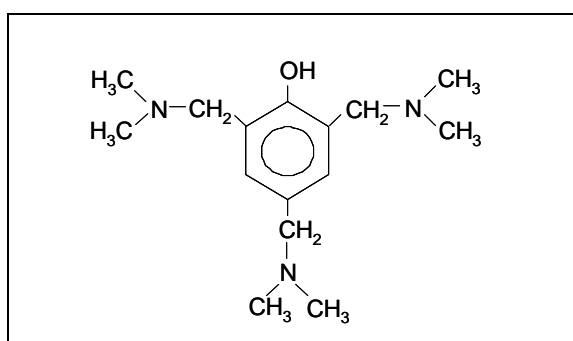
# Product Data Sheet

Revision: December 2006

## D-Cure 054

### Product description

**D-Cure 054** is the well-known highly reactive reaction promoter 2,4,6-tris(dimethylaminomethyl)phenol. This tertiary amine is widely used as an accelerator for epoxy-amine crosslinking reactions.



### Product applications

**D-Cure 054** can be used with any epoxy resin to improve the crosslinking and drying speed of an ambient curing epoxy-amine system. It is typically used at a concentration of 5 parts by weight on the resin weight but this concentration can be increased up to 15 phr. At higher levels, **D-Cure 054** can cause enhanced brittleness of the system.

**D-Cure 054** is added to the system when the different components, i.e. the resin and the curing agent (both eventually formulated), are mixed together, just prior to application.

# Product Data Sheet

## Product characteristics

Viscosity <sup>a</sup> @ 25°C	(mPa.s)	:	100 - 300
Gardner color		:	8 max
Solids content	(wt %)	:	100
Specific gravity @ 20°C	(g/cm <sup>3</sup> )	:	0.98

## System characteristics

phr <sup>b</sup> with epoxy resin	:	Typically 5 to 10
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a Brookfield viscosity

b phr : Parts per Hundred Parts of resin