

# HiReact® Epoxy Curing Agent

## Additives for coatings

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### Curing Agents for Epoxy Powder Coatings

Products	Characteristic	Remarks
HiReact® DICY	Dicyandiamide	Micropulverised Dicyandiamide
HiReact® DICY(A)	Dicyandiamide	Micropulverised Dicyandiamide with anticaking agent
HiReact® LC-779	Accelerated Dicyandiamide	Accelerated Dicyandiamide- Medium- cure speed
HiReact® LC-780	Accelerated Dicyandiamide	Accelerated Dicyandiamide- Fast cure speed
HiReact® LC-780(S)	Accelerated Dicyandiamide	Accelerated Dicyandiamide- Low temp & Fast cure speed

### Accelerators for Epoxy Powder Coatings

Products	Characteristic	Remarks
HiReact® MI35	Amine adduct based on 2-methyl imidazole	<b>MI35</b> acts as accelerator for epoxy powder coating cured by phenolic hardener. a typical application is for coating rebar steel and pipelines.
HiReact® MI50	Amine adduct based on 2-methyl imidazole	<b>MI50</b> acts as accelerator for epoxy powder coating cured by phenolic hardener. a typical application is for coating rebar steel and pipelines.
HiReact® MI	2-methyl imidazole	<b>MI</b> acts as accelerator for epoxy powder coating cured by phenolic hardener.
HiReact® MI-FF	2-methyl imidazole with anticaking agent	<b>MI-FF</b> acts as accelerator for epoxy powder coating cured by phenolic hardener.
HiReact® MI-CA	Isocyanuric Acid adduct based on 2-methyl imidazole	<b>MI-CA</b> acts as accelerator for epoxy powder coating cured by phenolic hardener.
HiReact® 2-E4M	2-Ethyl-4-Methyl Imidazole	Formula: C <sub>6</sub> H <sub>10</sub> N <sub>2</sub> Molecular weight: 110.1570 CAS Registry Number: 931-36-2
HiReact® 2-EZ	2-Ethylimidazole	Formula: C <sub>5</sub> H <sub>8</sub> N <sub>2</sub> Molecular weight: 96.1304 CAS Registry Number: 1072-62-4
HiReact® 4-MEZ	4-Methylimidazole (4-MEI)	Formula: C <sub>4</sub> H <sub>6</sub> N <sub>2</sub> Molecular weight: 82.1038 CAS Registry Number: 822-36-6
HiReact® 1-MZ	1-Methylimidazole	Formula: C <sub>4</sub> H <sub>6</sub> N <sub>2</sub> Molecular weight: 82.1038 CAS Registry Number: 616-47-7

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The information relating to the use of the products is given for information purposes only. No guarantee or warranty is provided that the product is adapted to the client's specific use. The client should perform its own tests to determine the suitability for a particular purpose. The final choice of use of a product remains the sole responsibility of the client.

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HiReact® APZ	N-(3-Aminopropyl)-imidazole	Formula: C <sub>6</sub> H <sub>11</sub> N <sub>3</sub> Molecular weight: 125.1716 CAS Registry Number: 5036-48-6
HiReact® DMZ	1,2-dimethylimidazole	Formula: C <sub>5</sub> H <sub>8</sub> N <sub>2</sub> Molecular weight: 96.1304 CAS Registry Number: 1739-84-0

### Curing Agents for Printed Circuit Boards

Products	Characteristic	Remarks
HiReact® T-03	Dicyandiamide	T-03 is hardener for epoxy resin based on Dicyandiamide which is specially made for the production of prepregs in the printed circuit boards industry.
HiReact® G-03	Dicyandiamide	G-03 is hardener for epoxy resin based on Dicyandiamide which is specially made for the production of prepregs in the printed circuit boards industry.

### Solution of Dicyandiamide

Products	Characteristic	Remarks
HiReact® L-10	Solution of Dicyandiamide	This solution of Dicyandiamide is used for curing epoxy resins at elevated temperatures..
HiReact® L-79	Solution of Accelerated Dicyandiamide	This solution of HiReact® LC-779(Accelerated Dicyandiamide) is used for curing epoxy resins at elevated temperatures..
HiReact® L-80	Solution of Accelerated Dicyandiamide	This solution of HiReact® LC-780(Accelerated Dicyandiamide) is used for curing epoxy resins at elevated temperatures..

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