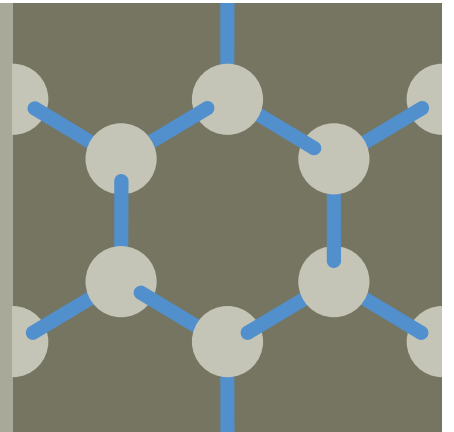




**Epikure™ Curing
Agents for Coating,
Civil Engineering and
Adhesive Applications**



Epikure™

Hexion Specialty Chemicals offers one of the broadest lines of epoxy curing agents in our *Epikure™* specialty products. As a leader in the epoxy resin industry, we're committed to constantly improving and strengthening our innovative line of epoxy resin and curing agent systems. *Epikure™* curing agent products find many uses in coatings, civil engineering and adhesive applications.

Our extensive product line includes several high-performance specialty curatives to meet difficult end-use requirements. We offer amine hardeners that can be used for e.g. low-temperature cure, early water-spot resistance, chemical resistance, high mechanical resistance and provide excellent adhesive strength to different substrates.



Epikure™ Curing Agents for Coating, Civil Engineering and Adhesive Applications																	
Product	Hydrogen Equivalent Weight as supplied [g/eq]	Viscosity at 25 °C [mPa·s]	Phenolic hydroxyl content [mmol/Kg]	Colour Gardner	Solvent free	High solids	Solvent borne	Ambient cure	Forced cure	Ambient cure coating	Powder coating	Flooring	Mortars, grouts	Crack injection	Chemical anchoring	Adhesives	Remarks
Aliphatic Amine																	
<i>Epikure™ 270</i>	38	7 – 23	-	3 max	•			•		•		•	•				Chemical resistant
<i>Epikure™ 925</i>	25	20 – 30	-	5 max	•			•	•	•		•	•			•	Triethylene tetramine
<i>Epikure™ 931</i>	31	40 – 60	-	6 max	•			•								•	
<i>Epikure™ 3203</i>	55.4	11 – 21	-	2 max	•			•	•								Sewer & pipe rehabilitation
<i>Epikure™ 3292-FX-60</i>	233*	Z – Z2**	-	7 max			•	•		•							*HEW=140g/eq on solids, **Gardner viscosity (~2.27-2.7 Pa·s), 60% solids in butanol/xylene, low temperature cure
<i>Epikure™ 3294-NX-80</i>	190*	3000 - 5000**	-	10 max		•	•	•		•							*HEW=152g/eq on solids, **Viscosity at 23°C, 80% solids in butanol/xylene, low temperature cure, high solids
<i>Epikure™ 3295</i>	45	125 – 220	-	3 max	•			•	•	•							Can be combined with aqueous resin systems
Cyclo Aliphatic Amine																	
<i>Epikure™ 196</i>	109	500 - 700	-	2 max	•			•		•		•					Low yellowing application
<i>Epikure™ F205</i>	105	500 - 700	-	2 max	•			•		•		•	•				
<i>Epikure™ 207</i>	93	350 - 550	-	2 max	•			•				•					Waterspot resistant
<i>Epikure™ 530</i>	93	170 - 230	-	1 max	•			•				•					
<i>Epikure™ 541</i>	93	225 - 325	-	2 max	•			•				•					
<i>Epikure™ 548</i>	115	300 - 600	-	1 max	•			•		•		•					Low yellowing application
<i>Epikure™ 550</i>	93	200 - 300	-	2 max	•			•				•					
<i>Epikure™ 551</i>	93	150 - 200	-	3 max	•			•				•					
<i>Epikure™ 03306</i>	51	20 - 30	-	6 max	•			•						•			Crack injection
<i>Epikure™ 04852</i>	66	425 - 575	-	6 max	•			•				•					Osmotic pressure resistant system in combination with <i>Epikote 357</i>
<i>Epikure™ 04998</i>	45	10 - 20	-	1 max	•			•									Mineral casting
<i>Epikure™ 05418</i>	85	250 - 450	-	2 max	•			•		•		•					VOC free
Mannich Base																	
<i>Epikure™ 105</i>	92	2000 - 3000	-	8 max	•			•		•		•				•	•
<i>Epikure™ 110</i>	37	900 - 1500	-	7 max	•			•								•	•
<i>Epikure™ 132</i>	53	1400 - 1800	-	4 max	•			•				•	•				Potable water application
<i>Epikure™ 185</i>	110	300 - 700	-	4 max	•	•		•		•		•	•			•	Under water cure
<i>Epikure™ 197</i>	75	150 - 250	-	2 max	•	•		•		•		•	•				Can be used as accelerator
<i>Epikure™ 03121</i>	95	2400 - 3000	-	10 max	•			•		•			•			•	Under water cure
<i>Epikure™ 03141</i>	90	250 - 350	-	8 max	•			•		•				•			Crack injection

Epikure™ Curing Agents for Coating, Civil Engineering and Adhesive Applications

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Amidoamine																		
<i>Epikure™ 3055</i>	90	150 - 300	-	13 max	•	•		•	•	•		•	•				•	Low viscosity, extended pot-life
<i>Epikure™ 3072</i>	65	500 - 900	-	12 max	•			•				•	•				•	Excellent bond to concrete
Polyamide																		
<i>Epikure™ 3115-X-70</i>	223	800 - 1400	-	7 max			•	•		•		•						70 % solids in xylene
<i>Epikure™ 3125</i>	125	700 - 900*	-	9 max	•	•	•	•	•	•		•					•	*Viscosity at 75 °C
<i>Epikure™ 3140</i>	95	3000 - 6000*	-	11 max	•	•	•	•	•	•		•					•	*Viscosity at 40 °C
<i>Epikure™ 3155</i>	133	3000 - 6000	-	9 max	•	•		•		•		•	•				•	
Accelerator																		
<i>Epikure™ P101</i>	-	-	-	-	•				•		•							Powder, Alkalinity = 3.5 – 4.0 meq/g, imidazole adduct, can be used as sole curing agent
<i>Epikure™ 201</i>	-	-	-	1 max					•								•	1-methyl imidazole
<i>Epikure™ 3253</i>	-	180 - 380	-	6 max	•	•	•	•	•	•		•	•				•	Tertiary amine, tris (dimethyl amino-methyl) phenol
Ketimine																		
<i>Epikure™ 3502</i>	55	2 - 5	-	8 max			•	•	•	•								27% solids in MIBK, specialised coating applications
Dicyandiamide - Imidazole based																		
<i>Epikure™ P104</i>	-	-	-	-	•				•		•							Powder, Alkalinity = 1.7 – 2.2 meq/g
<i>Epikure™ P108</i>	-	-	-	-	•				•		•							Powder, Alkalinity = 0.60 – 0.75 meq/g
<i>Epikure™ P143</i>	-	-	-	-	•				•		•							Powder, Alkalinity = 1.1 – 1.7 meq/g
<i>Epikure™ 921 Super</i>	21	-	-	white	•				•		•						•	Powder, Dicyandiamide, Melting point: 200 - 210 °C
<i>Epikure™ 3280</i>	27	50,000 - 150,000	-	white paste	•				•								•	Latent curing agent at 80 – 120 °C
Phenolic																		
<i>Epikure™ 168</i>	-	-	1900 - 2000	-	•						•							Powder, Melting point: 80 – 90 °C
<i>Epikure™ P201</i>	-	-	3600 - 4000	-	•				•		•							Powder, Melting point: 75 – 85 °C, contains no accelerator
<i>Epikure™ P202</i>	-	-	3700 - 4100	-	•				•		•							Powder, Melting point: 65 – 75 °C, contains accelerator
Mercaptan																		
<i>Epikure™ 02511</i>	185	10,000 - 14,000	-	1 max	•			•									•	Fast curing additive systems

The Global Leader in Thermoset Resins

As the world's largest producer of thermoset resins and the leader in adhesive and structural resins and coatings, Hexion Specialty Chemicals meets customers' specific application needs with a total solutions approach of products and services.

Hexion offers the broadest range of thermoset resin technologies and unmatched technical support – and provides them around the globe.

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Plus, Hexion's worldwide production network facilitates assured supply and prompt delivery wherever our customers do business.

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