

Two-Part Condensation Cure: Catalyst Options

Curing Agent	Features	Curing Agent Concentration (wt%)
DTB	Standard curing agent. Small volume of curing agent to add. Best for small volume applications.	0.1% to 0.5% (suggested 200:1)
Cure Speed	Moderate	
Color	Clear to Amber	
Consistency	Easily Pourable	
Work Life (hrs)	1 to 5	
Cure Time (hrs)	24 to 48	
RTV9811	Suitable for automatic mixing equipment, large volume applications. Good deep section cure. Less affected by atmospheric conditions.	5% to 10% (suggested 10:1)
Cure Speed	Moderate	
Color	Light Beige	
Specific Gravity	1.50	
Consistency	Paste	
Work Life (hrs)	0.5 to 1.5	
Cure Time (hrs)	12 to 24	
RTV9910	Paste version of 0.1% DBT. Suitable for automatic mixing equipment, large volume applications.	5% to 10% (suggested 10:1)
Cure Speed	Slow	
Color	Tan	
Specific Gravity	1.81	
Consistency	Paste	
Work Life (hrs)	3 to 6	
Cure Time (hrs)	24 to 48	
RTV9950	Paste version of 0.5% DBT. Suitable for automatic mixing equipment, large volume applications.	5% to 10% (suggested 10:1)
Cure Speed	Moderate	
Color	White	
Specific Gravity	1.75	
Consistency	Paste	
Work Life (hrs)	1 to 3	
Cure Time (hrs)	16 to 24	
RTV9858	Paste version of DBT	5% to 7%
Cure Speed	Moderate	
Color	Light Beige	
Consistency	Paste	
Work Life (hrs)	2 to 3	
Cure Time (hrs)	18 to 24	
STO	Small volume of curing agent to add. Best for short production cycles, rapid production of cured parts. Best choice for reversion resistance. Less affected by atmospheric conditions.	0.2% to 0.5% (suggested 200:1)
Cure Speed	Fast	
Color	Clear to Amber	
Consistency	Easily Pourable	
Work Life (hrs)	0.1 to 0.5	
Cure Time (hrs)	4 to 12	
RTV9891	Paste version of STO.	2% to 4%
Cure Speed	Fast	
Color	Blue	
Specific Gravity	1.78	
Consistency	Paste	
Work Life (hrs)	0.1 to 0.5	
Cure Time (hrs)	4 to 12	

Notes: Typical property values are recorded at standard testing conditions at 25°C (77°F) and 50% relative humidity. Catalyst options are used in place of the standard DBT catalyst provided.