

Product Overview: Coating Materials

Type	Grade	Cure Chemistry	Cured Property	Feature	
1 Part Condensation Cure	ECC3010	Alkoxy	Rubber	Fast cure conformal coating material. Solvent free	
	ECC3050S	Alkoxy	Rubber	Fast cure conformal coating material. Low volatile. Solvent free	
	ECS0600	Alkoxy	Rubber	High purity repairable electrode coating. Fast tack.	
	ECS0601	Alkoxy	Rubber	High purity, non-repairable type electrode coating. UL recognized.	
	ECS0609FR	Alkoxy	Rubber	High purity, non-repairable type electrode coating. UL recognized.	
	RTV160	Alkoxy	Rubber	UL recognized flowable sealant.	
	TSE3941M	Alkoxy	Rubber	Fast tack, thermally conductive flowable sealant. Mil Spec.	
	TSE3944	Alkoxy	Rubber	Low volatile, UL recognized flowable sealant. Mil Spec.	
	TSE397	Alkoxy	Rubber	Flowable sealant. Mil Spec.	
	TSE3971	Alkoxy	Rubber	Flowable sealant. Mil Spec.	
	TSE3972	Alkoxy	Rubber	Fast tack variant of TSE397.	
	TSE3975	Alkoxy	Rubber	Fast tack, low volatile sealant. Mil Spec.	
	TSE3976-B	Alkoxy	Rubber	Low volatile, temperature resistant sealant. UL recognized.	
	TSE398	Alkoxy	Rubber	Pourable coating / encapsulant. Mil Spec.	
	TSE399	Alkoxy	Rubber	Low viscosity coating / potting material. Mil Spec.	
	TSE3991	Alkoxy	Rubber	Low viscosity variant of TSE399.	
	TSE3995	Alkoxy	Rubber	Low volatile variant of TSE399.	
	TSE3996	Alkoxy	Rubber	Low volatile variant of TSE3991.	
	XE11-A5133S	Alkoxy	Rubber	Low volatile, UL recognized, thermally conductive coating & potting.	
	RTV110 series	Acetoxy	Rubber	General purpose coating / encapsulant. FDA, USDA, and NSF compliant. Mil Spec.	
	TSE387	Oxime	Rubber	General purpose flowable sealant / coating.	
	TSE3877-B	Oxime	Rubber	Flowable sealant for high-temperature applications.	
1 Part Heat Cure	TSE388	Oxime	Rubber	Flowable, general purpose sealant / coating.	
	TSE389	Oxime	Rubber	Flowable, UL recognized coating / sealant.	
	ECC4865	Heat	Rubber	Extreme low viscosity coating material with UV tracer.	
	TSE3221S	Heat	Rubber	Flowable sealant / coating material.	
	TSE325	Heat	Rubber	Flowable coating / encapsulant.	
	TSE3250	Heat	Rubber	Flowable coating / encapsulant.	
	TSE3251	Heat	Rubber	Flowable coating material.	
	TSE3251-C	Heat	Rubber	Flowable coating material.	
	TSE3252	Heat	Rubber	Flowable coating material.	
	TSE3253	Heat	Rubber	UL recognized coating / encapsulation.	
	TSE325-B	Heat	Rubber	Flowable coating / encapsulant.	
	TSJ3155	Heat	Rubber	High purity JCR-grade white rubber.	
	TSJ3190	Heat	Rubber	High purity JCR-grade transparent rubber	
2 Part Room Temp.	TSJ3194	Heat	Rubber	High purity JCR-grade black rubber.	
	TSJ3195-W	Heat	Gel	High purity JCR-grade white gel.	
	TSJ3197	Heat	Gel	High purity JCR-grade translucent gel.	
	RTV11	Condensation	Rubber	General purpose encapsulation and potting. FDA compliant.	
	RTV511	Condensation	Rubber	Extreme low temperature-resistant coating. Excellent release properties.	
	RTV567	Condensation	Rubber	Low volatile, extreme low temperature-resistant coating. Release capability.	
2 Part Heat Cure	RTV8111	Condensation	Rubber	General purpose coating / potting material. Mil Spec.	
	RTV8112	Condensation	Rubber	General purpose coating / potting material. Mil Spec.	
	TSE3033	Heat	Rubber	Transparent coating / encapsulant. Fast cure at elevated temperatures.	
	TSE3330	Heat	Rubber	Thermally conductive coating / encapsulant.	
	TSE3331	Heat	Rubber	UL recognized, thermally conductive, coating / encapsulant.	
	TSE3331K ¹	Heat	Rubber	Low viscosity variant of TSE3331.	
	TSE3331K EX ¹	Heat	Rubber	Low viscosity variant of TSE3331.	
	XE14-B3445	Heat	Rubber	High purity JCR-grade translucent rubber.	
	XE14-B5778	Heat	Rubber	High purity JCR-grade translucent rubber.	
	TSJ3175	Heat	Gel	High purity JCR-grade thixotropic gel.	

¹ TSE3331K for Asia Pacific, TSE3331K EX for Europe and the Americas

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Grade	Feature	Performance				Product Detail
		Thermally Conductive	Low Bleed	Low Volatility	Heat Resistant	
TSK5303	Moderate thermal conductivity with heat resistance.	●		●	●	P. 32
TSK5370	General electrical insulation. Swell resistant on silicone.			●		P. 32
TSK550	General electrical insulation, arc resistance.					P. 32
TSK551	Insulator protection from salt, dust.					P. 32
YG6111	Moderate thermal conductivity.	●		●		P. 32
YG6240	Moderate thermal conductivity, low-bleed performance.	●	●	●		P. 32
YG6260	Moderate thermal conductivity.	●		●		P. 32
TIG1000	High thermal conductivity.	●		●		P. 32

	Performance									Product Detail
	Flowability	Flame Retardancy	Low Volatility	Thermally Conductive	High Temp. Resistance	Low Temp. Resistance	FDA Compliant	JCR-Grade Purity	MIL-Spec	
	Flowable									P. 16
	Flowable		●							P. 16
	Flowable		●							P. 16
	Flowable	UL94 HB	●							P. 16
	Flowable	UL94 V-0	●							P. 15
	Flowable	UL94 HB								P. 15
	Flowable			●					MIL-A-46146B	P. 15
	Semi-flowable	UL94 V-0	●						MIL-A-46146B	P. 14
	Flowable	UL94 HB							MIL-A-46146B	P. 15
	Flowable								MIL-A-46146B	P. 14
	Flowable								MIL-A-46146B	P. 15
	Flowable		●						MIL-A-46146B	P. 15
	Flowable	UL94 HB	●		●				MIL-A-46146B	P. 14
	Flowable								MIL-A-46146B	P. 16
	Flowable								MIL-A-46146B	P. 16
	Flowable		●						MIL-A-46146B	P. 16
	Flowable		●						MIL-A-46146B	P. 16
	Flowable	UL94 V-1	●	●					MIL-A-46146B	P. 15
	Flowable						●		MIL-A-46106B	P. 19
	Flowable									P. 18
	Flowable				●					P. 17
	Flowable									P. 18
	Flowable	UL94 HB								P. 18
	Flowable									P. 22
	Flowable									P. 21
	Flowable									P. 22
	Flowable									P. 22
	Semi-flowable									P. 22
	Semi-flowable									P. 22
	Semi-flowable									P. 22
	Semi-flowable	UL94 V-1								P. 22
	Flowable									P. 22
	Semi-flowable							●		P. 31
	Semi-flowable							●		P. 31
	Semi-flowable							●		P. 31
	Semi-flowable							●		P. 31
	Semi-flowable							●		P. 31
	Flowable						●			P. 24
	Flowable					●				P. 24
	Flowable		●			●				P. 24
	Flowable								MIL-PRF-23586F	P. 24
	Flowable								MIL-PRF-23586F	P. 24
	Flowable									P. 28
	Flowable			●						P. 27
	Flowable	UL94 V-0		●						P. 27
	Flowable	UL94 V-0		●						P. 27
	Flowable	UL94 V-0		●						P. 27
	Semi-flowable							●		P. 31
	Semi-flowable							●		P. 31
	Semi-flowable							●		P. 31