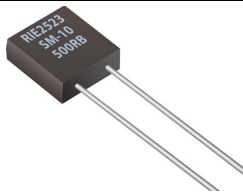


MATERIAL DECLARATION SHEET



Material Number	SM8, SM10			
Product Line	Fixed Resistor			
Compliance Date	8/19/2025			
RoHS Compliant		MSL	1	

Reference Model: SM-10

No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material Substance	CASRN	Material Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Acrylic Conformal Coating	Conformal Coating	0.0079	Acrylic polymer	37325-11-4	99.00%	0.3071%	0.3102%
				Miscellaneous	N/A	1.00%	0.0031%	
2	Epoxy Coat	Epoxy Black	1.2474	4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	25068-38-6	99.00%	48.4912%	48.9810%
				Miscellaneous	N/A	1.00%	0.4898%	
3	Terminal	Copper C10200	0.11	Copper	7440-50-8	99.98%	4.3185%	4.3193%
				Oxygen	7782-44-7	0.02%	0.0009%	
		Tin Plating	0.01	Tin	7440-31-5	100.00%	0.3927%	0.3927%
4	Resistive Element	EVNOM	0.0400	Nickel	7440-02-0	74.40%	1.1686%	1.5707%
				Chromium	7440-47-3	20.00%	0.3141%	
				Aluminum	7429-90-5	3.50%	0.0550%	
				Silicon	7440-21-3	1.00%	0.0157%	
				Iron	7439-89-6	0.50%	0.0079%	
				Manganese	7439-96-5	0.50%	0.0079%	
				Copper	7440-50-8	0.10%	0.0016%	
5	Shell Molding	Epoxy	0.9000	Diallyl-phthalate	131-17-9	35.00%	12.3689%	35.3399%
				GF-Fibre	65997-17-3	35.00%	12.3689%	
				Antimony oxide	1332-81-6	5.00%	1.7670%	
				Aluminum hydroxide	8064-00-4	5.00%	1.7670%	
				Wollastonite	13983-17-0	15.00%	5.3010%	
				Further Additives, not to declare	N/A	5.00%	1.7670%	
6	Compound Mold	Epoxy Mold	0.0454	Epoxy Resin	25068-38-6	17.00%	0.3031%	1.7827%
				Phenolic Resin	9003-35-4	8.00%	0.1426%	

MATERIAL DECLARATION SHEET



				Mineral Fillers	60676-86-0	63.00%	1.1231%	
				Flame Retardants	Trade Secret	8.00%	0.1426%	
				Pigments	Not to Declare	4.00%	0.0713%	
7	RTV Compound	RTV	0.1860	Silicone rubber	63394-02-5	70.00%	5.1125%	7.3036%
				Calcium-carbonate	471-34-1	27.30%	1.9939%	
				Ethyl silicate	11099-06-2	2.00%	0.1461%	
				Miscellaneous	N/A	0.70%	0.0511%	
		Total Weight	2.5467					

This Document was updated on: 10/2/2025

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Resistive material weight will be different based on the resistance value.
3. The weight of the core and coating material will differ based on the size.