Material Safety Data Sheet

Design Viitor into your FUTURE

1. Product & Manufacturer

Product Name:	TVS
Product Number:	SMB
Supplier or Manufacturer:	Viitor Semiconductor Co., Ltd.
Address:	28 F.-2, No. 86, Sec. 1, Beixin Rd.,Xindian Dist., New Taipei City 231003, Taiwan
Contact Person:	Winters Huang
TEL. :	+886-2-2218-2111
Date:	2026/4/30

2. Composition/Information on Ingredients

Material	Content (per product)wt%	Chemical Composition	CAS No	Content(%)(per homogeneous material)
Frame	32.91%	Copper(Cu)	7440-50-8	99.850
		Iron(Fe)	7439-89-6	0.110
		phosphor(P)	7723-14-0	0.040
Plating	1.95%	Tin(Sn)	7440-31-5	99.90
		Others	-	0.10
Dice	1.98%	Si	7440-21-3	88.98
		Ni	7440-02-0	0.42
		Gold	7440-57-5	0.20
		Glass	65997-18-4	10.37
		Pb	7439-92-1	0.03
Solder Paste	2.80%	Lead(Pb)	7439-92-1	92.50
		Tin(Sn)	7440-31-5	5.00
		Silver(Ag)	7440-22-4	2.50
Molding Compound	60.36%	Fused Silica	60676-86-0	40-86%
		Crystalline Silica	14808-60-7	0-30%
		Epoxy Resin	29690-82-2	8-16%
		Phenol Resin	9003-35-4	5-10%
		Me(OH)x	Trade Secret	0-2%
		P compounds	Trade Secret	0-2.4%
		Carbon Black	1333-86-4	0.1-0.5%