



## Material Declaration Data Sheet

Date April 15 2008  
 Company Name Enpirion, Inc  
 Company Address 685 Route 202/206, Suite 305, Bridgewater, NJ 08807  
 908-575-7550 www.enpirion.com  
 Product Part Numbers EN5322QI  
 Product Function Voltage Mode Synchronous Buck PWM DC-DC Converter Module  
 Product Physical Description 4x6x1.1mm, 24-pin QFN, Copper Leadframe, Matte-Tin Finish  
 Lead-free Product & Lead-free Assembly, MSL3, Peak Temperature 260°C  
 Product Total Mass (g) 0.09

### Level A Material and Substances Declaration

Materials from Annex A of JIG-101 (EICTA, JGPSSI, EIA, JEDEC Joint Industry Material Composition Declaration Guide)

Material/Substance Category Name	Material/Substance Category intentionally added or present (Y/N) above threshold level	If yes, Material Substance Mass & ppm		If Yes, Material Substance Information
		Mass (g)	ppm	
Asbestos	N			
Azo Colorants	N			
Cadmium/Cadmium Compounds	N			
Hexavalent Chromium & its Compounds	N			
Lead/Lead Compounds	N			
Mercury/Mercury Compounds	N			
Ozone Depleting Substances	N			
Polybrominated Biphenyls (PBBs)	N			
Polybrominated Diphenylethers (PBDEs)	N			
Polychlorinated Biphenyls (PCBs)	N			
Polychlorinated Naphthalenes	N			
Radioactive Substances	N			
Shortchain Chlorinated Paraffins	N			
Tributyl Tin (TBT) and Triphenyl Tin (TPT)	N			
Tributyl Tin Oxide (TBTO)	N			

### Level B Material and Substances Declaration

Materials from Annex B of JIG-101 (EICTA, JGPSSI, EIA, JEDEC Joint Industry Material Composition Declaration Guide)

Material/Substance Category Name	Material/Substance Category present or not (Y/N) above threshold level of 1000 ppm	If yes, Material Substance Mass & ppm		If Yes, Material Substance Information
		Mass (g)	ppm	
Antimony/Antimony Compounds	Y	0.0001	1200	Solder Paste
Arsenic/Arsenic Compounds	N			
Beryllium/Beryllium Compounds	N			
Bismuth/Bismuth Compounds	N			
Brominated Flame Retardants	N			
Nickel/Nickel Compounds	N			
Phthalates	N			
Selenium/Selenium Compounds	N			
Vinyl Chloride Polymer (PVC)	N			

#### Comments:

The information stated on this page attests to the compliance of the indicated product to the European Union Directive 2002/95/EC and to the WEEE directive 2002/96/EC. The data format is in compliance with JIG-101, the Joint Industry Guide for Material Composition Declaration for Electronic Products, issued April 2005, by Electronics Industries Alliance (EIA), Joint Electronic Device Engineering Council (JEDEC), Joint European Industry Communication Technology Association (EICTA) and Japan Green Procurement Survey Standardization Initiative (JGPSSI).  
 The information contained in this table is to our knowledge correct as of the date indicated on this page. This information is based on information provided by the suppliers and manufacturers of the components and materials that are used in the assembly this product.

Ashok Saxena

Quality & Environmental Systems Manager, Enpirion, Inc