



# GREEN PROCUREMENT GUIDELINES

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**MISUMI Corporation**

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## 1.Introduction

MISUMI Corporation (hereafter, “MISUMI”) procures products, semi-finished products, parts, raw material, supplementary material, packing, packaging material, etc. (hereafter, “products, etc.”) from many suppliers.

In order to comply with environmental laws, regulations, and other requirements related to chemical substances and to achieve a sustainable society, MISUMI hereby announces Green Procurement Guidelines (hereafter, “guidelines”).

## 2.Purpose

Green procurement is a procurement of environmentally friendly products, etc. that are designed and manufactured with keen attention to environmental impact, safety, recyclability, energy conservation, and sufficient control of chemical substances.

The guidelines aim to promote environmental conservation and to reduce the use of environmental chemicals in products, etc.

MISUMI will revise the guidelines when necessary, for instance, in case of change on applicable laws and regulations.

### 3.Request to Suppliers

MISUMI strongly requests its suppliers to comply with the followings. MISUMI will prioritize the followings in the decision process of procurement of products, etc.

#### **Control of environmental chemicals**

Suppliers are requested to:

- 3.1 Cooperate in the investigation and management of Misumi Specified Chemical Substances listed in Attachment 1. Comply with manuals on MISUMI's chemical substances survey.
- 3.2 Cooperate in the investigation and management of chemical substances other than the Misumi Specified Chemical Substances specified in Attachment 1.
- 3.3 Provide MISUMI correct and precise data on chemical substances that are contained in or used in the manufacturing process of products etc. in the form required by MISUMI. When any change occurs or is to occur regarding such data, inform MISUMI of such change in the earliest manner and comply with the request of MISUMI.
- 3.4 Instruct your suppliers in order that they as well comply with the manuals and requirements announced by MISUMI

### 4.Recommendation to Suppliers

MISUMI recommends its suppliers to carry out the followings:

- 4.1 Establish an environmental policy and comply with it.
- 4.2 Build practical goals on environmental conservation and reduction of environmental chemicals with an action plan.
- 4.3 Acquire external certifications regarding your company's environmental management system (e.g., ISO14001 and/or KES).

In the future, MISUMI may consider these items as essential conditions regarding the transaction with its suppliers.

# Attachment 1. List of MISUMI's Specified Chemical Substances (SCS)

The following 24 substances are the SCSs which include Prohibited Chemical Substances (PCS) and Controlled Chemical Substances (CCS). Please note that this list shall be reviewed on an ongoing basis considering legal and social requirements, and that SCS may be added to or removed from this list.

Classification	No.	Substances		Subject Items and Application		Threshold value <sup>*1</sup>		
Prohibited Chemical Substances	1	Tributyltin oxide (TBTO)		Paint, Pigment		-		
	2	Tributyltin (TBT), and Triphenyltin (TPT) compounds		Stabilizer, Antioxidants, Resister of aging		-		
	3	Polychlorinated biphenyls (PCBs)		Insulating oil, Lubricant, Flame retardant		-		
	4	Polychlorinated naphthalenes (more than 3 chlorine atoms)		Lubricant, Paint, Stabilizer, Flame retardant		-		
	5	Short-chain chlorinated paraffins		Flame retardant, Plasticizer		-		
	6	Asbestos		Electric insulator, Abrasive, Gaskets		-		
	7	Azocolourants and azodyes (which form certain aromatic amines)		Pigment and colorant for electric wire coating limited to sections in continuous contact with the human body		-		
	8	Ozone depleting substances		Refrigerant		-		
	9	Radioactive substances		Packing materials		-		
	RoHS Directive 10 Substances <sup>*2</sup>	10	Cadmium and its compounds		Cadmium contained in alloys with zinc content (brass, zinc, die cast, lead-free solder, etc.), plating, plastic, rubber, coating, etc.	Less than 100 ppm	For packing materials less than 100 ppm combined of cadmium, lead, mercury and hexavalent chromium	
				Exemption	Cadmium and its compounds in electrical contacts			
		11	Lead and its compounds		Lead contained in all types of alloys, solder, all items other than the following exemptions	Less than 1,000 ppm		
				Exemption	Lead which is alloyed with steel	3,500 ppm or less		
					Lead which is alloyed with aluminum	4,000 ppm or less		
					Lead which is alloyed with copper	40,000 ppm or less		
						Lead used in solders which contains more than or equal to 85% of lead		-
		12	Mercury and its compounds		Mercury contained in all items aside from small fluorescent light bulbs and straight-tube fluorescent light bulbs			Less than 1,000 ppm
		13	Hexavalent chromium and its compounds		All Hexavalent chromium in chromate treatment, plating, coating, etc. Chromium metal and chrome in metal alloys are exempted			Less than 1,000 ppm
	14	Polybrominated biphenyls (PBBs)		Flame retardant		Less than 1,000 ppm		
	15	Polybrominated diphenylethers (PBDEs)		Flame retardant		Less than 1,000 ppm		
16	Phthalates Bis (2-ethylhexyl) phthalate (DEHP) Butyl benzyl phthalate (BBP) Dibutyl phthalate (DBP) Diisobutyl phthalate (DIBP)		Plasticizer, Pigment, Paint, Dye, Adhesive		Less than 1,000 ppm			
Controlled Chemical Substances	17	Antimony and its compounds		Pigment, Paint, Lead-free solder		Less than 1,000 ppm		
	18	Arsenic and its compounds		Pigment, Paint, Dye, Flame retardant		Less than 1,000 ppm		
	19	Beryllium and its compounds		Ceramics, Alloy, Catalyst, Solder		Less than 1,000 ppm		
	20	Bismuth and its compounds		Glass, Lead-free solder, Free-cutting aluminum		Less than 1,000 ppm		
	21	Nickel and its compounds		Plating, Paint, Pigment, (Excluding alloy)		Less than 1,000 ppm		
	22	Selenium and its compounds		Pigment, Paint		Less than 1,000 ppm		
	23	Brominated flame retardants (other than PBBs or PBDEs)		Flame retardant		Less than 1,000 ppm		
	24	Polyvinyl chloride (PVC) and PVC blends		Wire coating, Insulator		Less than 1,000 ppm		

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(\*1) Threshold value is, whether consciously or not, the maximum concentration value set for each homogeneous material which cannot be mechanically disjoined into different materials.

(\*2) The control of the RoHS Directive 10 substances shall be applied to the products sold as RoHS compliant products and their parts.

## MISUMI Group Inc.