

Uncontrolled Document PFP E962 rev U
DISALLOWED & CONTROLLED SUBSTANCES

Primary Fluid Power contracts require control or limit use of various substances, either in, or in contact with articles and materials used in the manufacture of the products we supply. We therefore request vendors advise Primary Fluid Power Ltd if they know certain substances of interest are present in the items they supply to us. This document contains the substances of current interest. These lists can change. Therefore, Primary Fluid Power Ltd has made available a web site copy of the latest listings. In this way Primary Fluid Power Ltd hopes to ensure you are kept informed of our current customer contract requirements.

The Supplier shall certify, or provide a written Declaration of Conformity, that current and future shipments of the subject component or material meet the requirements of this specification, as invoked on the Primary Fluid Power Ltd purchase order. This document shall be submitted to the purchase department. In the event of a change to the subject component or material (formulation or manufacturing process) a renewal of this certification / declaration will be required.

Requirements

A. **Primary Fluid Power Ltd Purchased Packaging Materials - Includes Bags, Boxes, Labels and Inserts –Require Compliance to:**

- CONEG (USA Coalition of North Eastern Governors): Toxics in Packaging
- EU directive 94/62/EC on packaging and packaging waste.
- EU requirements for registration, evaluation & authorization of chemicals (REACH)
- EU requirement for Restriction of Hazardous Substances in Electronic and Electrical Equipment directive 2011/65/EU.

B. **Animal derived materials – All Components or Materials Purchased by Primary Fluid Power Ltd:**

The Supplier is responsible for consulting with their material suppliers to determine if and how animal derived materials are used in the material / article to be supplied to Primary Fluid Power Ltd.

If the presence of direct materials of animal origin, or animal derived materials, are confirmed the Supplier must notify the Primary Fluid Power Ltd purchase department in writing. The Supplier must also advise: animal source (bovine / ovine / caprine/ poultry /porcine etc.), how the animal derived material is used, how it is processed to minimize the risk of transmission of TSE (transmissible spongiform encephalopathy) / BSE (bovine spongiform encephalopathy) such as identified by the U.S. Code of Federal Regulations, Title 9 of part 94.18, which sets forth restrictions on the source of products and the CPMP's Note or guidance (EMEA/410/01), quantity present (volume %) and its source (animal type, part of the animal and country of origin).

C. Disallowed Substances E962 rev U

Table 2. Disallowed Substances				
A	B	C	D	E
Aldrin	Bis(tributyl tin oxide)	Chlordane	DDT	Endrin
Azo compounds	Bis(hydroxyphenyl)methane bis(2,3-epoxypropyl) ethers (BFDGE)	Chlorinated paraffin	Dieldrin	
Antistatic agents***	Benzene and polyaromatic hydrocarbons (PAH)	Chlordecone	Dioxins and congeners 1,4-dioxane	
4-aminodiphenyl	Benzidine	Chlorofluorocarbon (CFC)	Diethyl phthalate (DEHP)	
Asbestos and asbestos fibres*	Bis(chlormethyl) ether Beta-naphthylamine		Bis(2-ethylhexyl) phthalate (BEHP)	
	2,2H-1,2,3-benzoytiazol-2-yl-4,6-di-tert-butylphenol		Di-2-ethylhexyl-phthalate (DEHP)	
			Di-iso-nonyl phthalate (DINP)	
			N,N-dilolyl-p-phenyldiamine	
			Dimethyl fumarate (also know as 2-butenedioic acid dimethyl ester)	
F	H	I	M	N
Furans and congeners	Halon 1211	Insecticides	Mirex	Novolac glycidyl ethers (NOGE)
Sulphur hexafluoride	Halon 1301			4-nitrodiphenyl
Fungicides	Heptachlor			
	Hexachlorobenzene			
	Hexabrombiphenyle			
	Highly volatile halogenated hydrocarbons			
	Hydrochlorofluorocarbon (HCFC)			
	2-(2'-hydroxy-3'5'-di-tert-butylphenyl)benzotriazole			
	Hexachlorobuta-1,3-diene			
O	P	R	T	Y
Organic tin compounds - Tributyl tin	Polychlorinated biphenyls (PCBs)	Radioactive substances	Toxaphene	Yellow phosphorus
Triphenyl tin	Polychlorinated terphenyls (PCTs)	Rodenticides	Thiocyanic acid (2-benzothiazolythiomethyl ester) (TCMTB)	
Ozone depleting substances**	Pesticides		2,4,6-tri-tert-butylphenol	
	Polychlorinated and polybrominated dioxins and furans		m-tolylidene diisocyanate	
	Polychlorinated naphthalenes			
	PFOS			

NOTES –

*Asbestos / Asbestos fibers – Material must not contain any asbestos fibers or be in contact with material containing asbestos during processing.

** Ozone depleting substances (general) including but not limited to – Polybrominated flame retardants, Polybromobiphenyl (PBBs), Polybromobiphenyl ethers (PBBE), Polychlorobiphenyls (PCBs), Polychloroterphenyls (PCTs)