



Midwest Current Transformer
An Anderson Engineering Company



RoHS/RoHS2 Statement

Date: March 23, 2018

Dear Valued Customer:

Midwest Current Transformer an Anderson Engineering Company manufactures and sells current transformers. This letter outlines the current RoHS/RoHS2 compliance status for the products that we manufacture and sell.

Products listed below are RoHS/RoHS2 Compliant and Lead Free (Comply to Directive 2011/65/EU):

Product Type:	Series (first 2 alphabetic letters of the MPN part numbers):
Wrapped Current Transformer	CT
Round Encased Current Transformer	RC
Square Encased Current Transformer	SC

Certificate of compliance documents for specific part number available upon request. Please request info from our corporate office.

Midwest Current Transformer an Anderson Engineering Company
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Products and Packaging Materials Free of Certain Banned Substances

This document certifies on behalf of Midwest Current Transformer an Anderson Company that, except for lead or other noted exceptions, to the best of Midwest Current Transformer's an Anderson Company knowledge the substances listed below are not present in Midwest Current Transformer's an Anderson Company products or packaging materials.

- ozone depleting substances
- mercury or mercury compounds (1)
- cadmium or cadmium compounds(1)
- hexavalent chromium(1)
- lead (1) (2)
- polybrominated biphenyls (pBBS) and diphenyl oxides/ethers (PBDOs/PBDEs)
- polychlorinated biphenyls (PCBs) and terphenyls (PCTs) and naphthalenes
- chlorinated aliphatic and aromatic compounds, including pentachlorophenol and related compounds
- Bis(2-ethylhexyl) phthalate (DEHP)
- Butyl benzyl phthalate (BBP)
- Dibutyl phthalate (DBP)
- Diisobutyl phthalate (DIBP)
- organo-tin compounds
- asbestos
- azo compounds
- ethylene glycol ethers and related compounds
- formaldehyde
- phthalates
- PVC
- tetrabromobisphenol A
- FR720
- radioactive substances

The following tables represent examples of chemicals from the above list that are used in MCT's Industry.

Mercury or mercury compounds (1)

Name	CAS No.	Chemical Formula	MCT Use
Mercury	7439-97-6	Hg	None
Mercury (I) Chloride	10112-91-1	Hg ₂ Cl ₂	None
Mercury (II) Chloride	7487-94-7	HgCl ₂	None

Cadmium or cadmium compounds(1)

Name	CAS No.	Chemical Formula	MCT Use
Cadmium	7440-43-9	Cd	None
Cadmium alloys	--	--	None
Cadmium oxide	1306-19-0	CdO	None
Cadmium chloride	10108-64-2	CdCl ₂	None
Cadmium sulfide	1306-23-6 8048-07-5	CdS	None
Cadmium nitrate	10325-94-7	Cd(NO ₃) ₂	None



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Hexavalent chromium(1)

Name	CAS No.	Chemical Formula	MCT Use
Chromium (VI) oxide; Chromium trioxide	1333-82-0	CrO ₃	None
Potassium Chromate	7789-00-6	K ₂ CrO ₄	None
Calcium Chromate	13765-19-0	CaCrO ₄	None
Strontium Chromate	7789-06-2	SrCrO ₄	None
Barium Chromate	10294-40-3	BaCrO ₄	None
Lead Chromate; chrome yellow	1344-37-2	PbCrO ₄	None
Zinc Chromate	12018-19-8, 13530-65-9; 14018-95-2	ZnCrO ₄	None
Sodium dichromate; sodium bichromate	10588-01-9	Na ₂ Cr ₂ O ₇	None
Potassium dichromate; potassium bichromate	7788-50-9	K ₂ Cr ₂ O ₇	None
Ammonium dichromate; potassium bichromate	7789-09-5	(NH ₄) ₂ Cr ₂ O ₇	None
Zinc dichromate; zinc bichromate	--	ZnCr ₂ O ₇	None

Lead (1) (2)

Name	CAS No.	Chemical Formula	MCT Use
Lead; metal	7439-92-1	Pb	None
Lead / Tin Alloy	--	Pb-Sn	None
Lead (II) oxide	1317-36-8	PbO	None
Lead (IV) oxide	1309-60-0	PbO ₂	None
Lead (II, IV) oxide	1314-41-6	Pb ₃ O ₄	None
Lead (II) fluoride	7783-46-2	PbF ₂	None
Lead fluoroborate	13814-96-5	Pb(BF ₄) ₂	None
Lead fluosilicate	25808-74-6	PbSiF ₆	None
Lead hydroxycarbonate	1344-36-1	(PbCO ₃) ₂ Pb(OH) ₂	None
Lead (II) Sulfate	7446-14-2, 15739-80-7	PbSO ₄	None
Lead oxide sulfate	12202-17-4	Pb ₄ SO ₇	None
Lead antimonite	13510-89-9	Pb ₃ (SbO ₄) ₂	None
Lead Chromate; chromate yellow	1344-37-2	PbCrO ₄	None
Lead molybdate	10190-55-3	PbMoO ₄	None



Polybrominated biphenyls (pBBS) and diphenyl oxides/ethers (PBDOs/PBDEs)

Name	CAS No.	Chemical Formula	MCT Use
Polybromodiphenyl ether; polybromodiphenyloxide; polybrominated biphenyl ethers; PBDE; PBDO; PBBE	--	C ₁₂ H _{10-x} Br _x O (x = 1 - 10)	None
Decabromodiphenyl ether; decabromodiphenyloxide; DBDPE; DBOPO	1163-19-5	C ₁₂ Br ₁₀ O	None
Octabromodiphenyl ether; octabromodiphenyloxide	32536-52-0	C ₁₂ H ₂ Br ₈ O	None
Hexabromodiphenyl ether; hexabromodiphenyloxide	36483-60-0	C ₁₂ H ₄ Br ₆ O	None
Pentabromodiphenyl ether; pentabromodiphenyloxide	32534-81-9	C ₁₂ H ₅ Br ₅ O	None
Polybrominated biphenyls; PBB	e.g. 67774-32-7	C ₁₂ H _{10-x} Br _x (x = 1 - 10)	None

Polychlorinated biphenyls (PCBs) and terphenyls (PCTs) and naphthalenes

Name	CAS No.	Chemical Formula	MCT Use
PCB; polychlorinated biphenyls	1336-36-3	C ₁₂ H _{10-x} Cl _x (x = 1 - 10)	None
Polychlorinated naphthalenes	--	C ₁₂ H _{8-x} Cl _x (x = 3)	None
Trichloronaphthalenes	1321-65-9	C ₁₀ H ₅ Cl ₃	None
Tetrachloronaphthalenes	1335-88-2	C ₁₀ H ₄ Cl ₄	None
Pentachloronaphthalenes	1321-64-8	C ₁₀ H ₃ Cl ₅	None
Octachloronaphthalens	2234-13-1	C ₁₀ Cl ₈	None
Short Chained Chlorinated paraffins C ₁₀₋₁₃ , Cl ≥ 50 wt%	e.g. 85535-84-8	--	None

Organo-tin compounds

Name	CAS No.	Chemical Formula	MCT Use
Triphenyl tin N,N'-dimethyldithiocarbamate	1803-12-9	(C ₆ H ₅) ₃ Sn(CH ₃) ₂ NCS ₂	None
Tributyl tin sulfamate	6517-25-5	(C ₄ H ₉) ₃ SnSO ₃ NH ₂	None
Tributyl tin chloride	1461-22-9	(C ₄ H ₉) ₃ SnCl	None

Asbestos

Name	CAS No.	Chemical Formula	MCT Use
Asbestos	1332-21-4; 132207-32-0; 132207-33-1	--	None



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Ethylene glycol ethers and related compounds

Name	CAS No.	Chemical Formula	MCT Use
Diethylene glycol ethyl ether acetate	112-15-2	--	None
Triethylene glycol monomethyl ether	112-35-6	--	None

Formaldehyde

Name	CAS No.	Chemical Formula	MCT Use
Formaldehyde; formalin; formaldehyde; formol	50-00-0	HCHO	None

PVC

Name	CAS No.	Chemical Formula	MCT Use
PVC and PVC Blends; Polyvinylchloride and polivinylchloride blends.	e.g. 9002-86-2	--	None

Antimony compounds

Name	CAS No.	Chemical Formula	MCT Use
Antimony	7440-36-0	Sb	None
Antimony Trioxide	1309-64-4	Sb ₂ O ₃ (or Sb ₄ O ₆)	None

Any questions related to Midwest Current Transformer's compliance to the RoHS/RoHS2 directive can be directed to:

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dcourrier@aenpi.com

Sincerely,

Dirk Courier

Dirk Courier
Technical Sales Manager