BEYER®
METALL

Mittelrheinische Metallgießerei Heinrich Beyer GmbH & Co. KG | Postfach 1565 | D-56605 Andernach

To whom it may concern

contact: Hr. Neugebauer/kr
fon: 02632/4004- 70

Subject: EU-directive 2011/65/EU related to EU-directive 2015/863/EU and Electrical Equipment Act on placing on the market, returning and environmentally sound disposal of electrical and electronic equipment regarding lead content.

Dear Ladies and Gentlemen,

we are well informed about and take into consideration applicable laws and directives on specific substances and levels of substances within products. (especially as mentioned above)

Our products, semi-finished products and trading goods are produced according to currently valid DIN EN- and DIN standards. We neither have any influence on these standards nor on the composition of the non-ferrous metals. Furthermore, requirements of European standardization of quality guarantees have to be obeyed. Both Copper cast alloys and wrought alloys according to valid standards, such as DIN EN 1982, DIN EN 1652 and DIN EN 12168, contain a relevant quantity of lead as alloying element.

The products your purchase from us according attached alloy table contain the mentioned lead content. (see Attachement)
The compositions are standard specifications, which we are not allowed to change. Therefore, we recommend consideration of requirements and exceptions of EU-directive 2011/65/EU, annex III. For the use of lead as alloying element this includes the following exceptions:
6b) lead as alloying element in aluminum with mass percentage of max. 0,4 % lead
6c) Copper alloys with mass percentage of up to 4 % lead.

We confirm that according to today´s level of knowledge, requirements of the RoHS directive for mercury, hexavalent chromium, cadmium, polybrominated biphenyls) (PBB), polybrominated diphenyl ethers (PBDE), butyl benzyl phthalate (BBP), Di(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), di-isobutyl phthalate (DIBP) in non-ferrous alloys are fulfilled.

In case this letter results in requirements to adapt or to adjust originally used alloys, we kindly ask you to contact us. We will be happy to advise you.

Best regards,

MITTELRHEINISCHE METALLGIESSEREI
Heinrich Beyer GmbH & Co.KG

ppa. C. Becking

i.V. Chr.Fuchshofen

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Geschäftsführer: Käthe Beyer, Heinrich Beyer | HR-Nr. KG HRA 10092 | Kompl. Heinrich Beyer GmbH HR-Nr. HRB 10150 | Amtsgericht Koblenz
Sitz der Gesellschaft: Andernach | Ust. ID.-Nr. DE 149 245 728 | Zertifiziert nach: DIN EN ISO 9001:2015

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Attachment to our letter on RoHS-directive

CC499K	CuSn5Zn5Pb2	acc. DIN EN 1982	contains 0,2-3,0 % Pb
CC491K	CuSn5Zn5Pb5	acc. DIN EN 1982	contains 4,0-6,0% Pb
CC493K	CuSn7Zn4Pb7	acc. DIN EN 1982	contains 5,0-8,0% Pb
CW452K	CuSn6	acc. DIN EN 12449	contains max. 0,02% Pb
CW453K	CuSn8	acc. DIN EN 12449	contains max. 0,02% Pb
CW459K	CuSn8P	acc. DIN EN 12449	contains max. 0,05% Pb
CC495K	CuSn10Pb10	acc. DIN EN 1982	contains 8,0-11,0% Pb
CC480K	CuSn10	acc. DIN EN 1982	contains max. 1,0% Pb
CC483K	CuSn12	acc. DIN EN 1982	contains max. 0,7% Pb
CC484K	CuSn12Ni2	acc. DIN EN 1982	contains max. 0,3% Pb
CC482K	CuSn11Pb2	acc. DIN EN 1982	contains 0,7-2,5% Pb
CC496K	CuSn7Pb15	acc. DIN EN 1982	contains 13,0-17,0% Pb
CC497K	CuSn5Pb20	acc. DIN EN 1982	contains 18,0-23,0% Pb
CC333G	CuAl10Fe5Ni5	acc. DIN EN 1982	contains max. 0,03% Pb
CW307G	CuAl10Ni5Fe4	acc. DIN EN 12163	contains max. 0,05 Pb
CC334G	CuAl11Fe6Ni6	acc. DIN EN 1982	contains max. 0,05% Pb
CC331G	CuAl10Fe2	acc. DIN EN 1982	contains max. 0,10% Pb
EN AC-44200	EN AC-Al Si12	acc. DIN EN 1706	contains no lead
EN AC-47000	EN AC-Al Si12(Cu)	acc. DIN EN 1706	contains max. 0,2% Pb
EN AC-43000	EN AC-Al Si10Mg	acc. DIN EN 1706	contains max. 0,05% Pb
EN AC-43200	EN AC-Al Si10Mg(Cu)	acc. DIN EN 1706	contains max. 0,10% Pb
EN AC-46200	EN AC-Al Si8Cu3	acc. DIN EN 1706	contains max. 0,25% Pb
EN AC-45000	EN AC-Al Si6Cu4	acc. DIN EN 1706	contains max. 0,3% Pb
EN AC-42000	EN AC-Al Si7Mg	acc. DIN EN 1706	contains max. 0,15% Pb
EN AC-21100	EN AC-Al Cu4Ti	acc. DIN EN 1706	contains no lead
EN AC-21000	EN AC-Al Cu4MgTi	acc. DIN EN 1706	contains max. 0,05% Pb
EN AW-5754	EN AW-Al Mg3	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AC-51300	EN AC-Al Mg5	acc. DIN EN 1706	contains max. 0,05% Pb
EN AC-51400	EN AC-Al Mg5(Si)	acc. DIN EN 1706	contains max. 0,05% Pb
EN AC-71100	EN AC-Al Zn10Si8Mg	acc. DIN EN 1706	contains max. 0,05% Pb
EN AW-2618A	EN AW-Al Cu2Mg1,5Ni	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-2014 A	EN AW-Al Cu4SiMg	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-6061	EN AW-Al Mg1SiCu	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-7021	EN AW-Al Zn5,5Mg1,5	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-7019 (Unidal)	EN AW-Al Zn4Mg2	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-7020	EN AW-Al Zn4,5Mg1	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-7075	EN AW-Al Zn5,5MgCu	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-2007	EN AW-Al Cu4PbMgMn	acc. DIN EN 573-3	contains 0,8-1,5% Pb

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EN AW-6012	EN AW-Al MgSiPb	acc. DIN EN 573-3	contains 0,4-2,0% Pb
EN AW-5754	EN AW-Al Mg3	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-2011	EN AW-Al Cu6BiPb	acc. DIN EN 573-3	contains 0,2-0,6% Pb
EN AW-7022	EN AW-Al Zn5Mg3Cu	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-6082	EN AW-Al Si1MgMn	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-6060	EN AW-Al MgSi	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-1050A	EN AW-Al 99,5	acc. DIN EN 573-3	contains max 0,03% Pb
EN AW-2618A	EN AW-Al Cu2Mg1,5Ni	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-5005 A	EN AW-Al Mg1	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-6026	EN AW-Al MgSiBi	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-5083	EN AW-Al Mg4,5Mn0,7	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-2017 A	EN AW-Al Cu4MgSi	acc. DIN EN 573-3	contains max. 0,05% Pb
EN AW-2007	EN AW-Al Cu4PbMgMn	acc. DIN EN 573-3	contains 0,8-1,5% Pb
CW004A	Cu-ETP	acc. DIN EN 12449	contains max. 0,005% Pb
CW024A	Cu-DHP	acc. DIN EN 12449	contains no lead
CW020A/CW021A	Cu-PHC / Cu-HCP	acc. DIN EN 13599	contains max. 0,03Pb
CW114C	CuSP	acc. DIN EN 12164	contains no lead
CW104C	CuCo2Be	acc. DIN EN 12163	contains no lead
CW106C	CuCr1Zr	acc. DIN EN 12163	contains 0,2-0,6% Pb
CW118C	CuTeP	acc. DIN EN 12164	contains no lead
GG 25		acc. DIN EN 1561	contains <0,1% Pb
GGG 40		acc. DIN EN 1563	contains <0,1% Pb
GGG 50		acc. DIN EN 1563	contains <0,1% Pb
GGG 60		acc. DIN EN 1563	contains <0,1% Pb
GGG 70		acc. DIN EN 1563	contains <0,1% Pb
CC760S	CuZn15As	acc. DIN EN 1982	contains max. 0,5% Pb
CC762S	CuZn25Al5Mn4Fe3	acc. DIN EN 1982	contains max. 0,2% Pb
CC764S	CuZn34Mn3Al2Fe1	acc. DIN EN 1982	contains max. 0,3% Pb
CC765S	CuZn35Mn2Al1Fe1	acc. DIN EN 1982	contains max. 0,5% Pb
CW509L	CuZn40	acc. DIN EN 12163	contains max. 0,2% Pb
CW617N	CuZn40Pb2	acc. DIN EN 12164	contains 1,6-2,5% Pb
CW624N	CuZn43Pb2Al	acc. DIN EN 12167	contains 1,6-3,0% Pb
CW614N	CuZn39Pb3	acc. DIN EN 12168	contains 2,5-3,5% Pb
CW713R	CuZn37Mn3Al2PbSi	acc. DIN EN 12165	contains 0,2-0,8% Pb
CW608N	CuZn38Pb2	acc. DIN EN 12449	contains 1,6-2,5% Pb
CW507L	CuZn36	acc. DIN EN 12449	contains max. 0,05 Pb
CW508L	CuZn37	acc. DIN EN 12449	contains max. 0,1% Pb
CW710R	CuZn35Ni3Mn2AlPb	acc. DIN EN 12449	contains max. 0,8% Pb

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