



# ACCESSORIES SAFETY DOCUMENTATION



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To: 顺泰五金部 赖经理

Test Report

No.: GZ0902013423/CHEM

Date: MAR 05, 2009

Page 1 of 5

LIANDA HARDWARE WANLIHUI HARDWARE FACTORY  
TUTANG MANAGE AREA CHANGPING TOWN DONGGUAN

The following sample(s) was/were submitted and identified on behalf of the applicant as 压铸锌合金 3# LTMF

SGS Job No. : GZ11640700EC  
SGS Internal Reference No. : 2.1  
Date of Sample Received : FEB 27, 2009  
Testing Period : FEB 27, 2009 TO MAR 05, 2009

Test Requested : Specified substances of Very High Concern (SVHC) analysis  
SVHC list based on the publication by European Chemicals Agency (ECHA) on 2008 October 28,  
regarding Regulation (EC) No 1907/2006 concerning the REACH

Test Result(s) : Please refer to next page(s).

Summary : According to the specified scope and analytical technique, concentrations of specified SVHC are  
<0.1% in the submitted sample(s).

Signed for and on behalf of  
SGS-CSTC Ltd.

Huang Fang, Sunny  
Sr. Engineer

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198 Kiechu Road, Sointech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155556 f (86-20) 82075113 www.cn.sgs.com  
中国·广州·经济技术开发区科学城利珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075113 e sgs.china@sgs.com

GZCM3050538

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## Test Report

No.: GZ0902013423/CHEM

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Page 2 of 5

### Test Sample:

PART NAME NO. 1 : Silvery metal

### Remark:

1. Definition of classification is listed in **Appendix A** of this report in accordance with 67/548/EEC and Regulation (EC) No 1907/2006.

### Remarks:

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the list published by ECHA on 2008 October 28, and shall refer to [http://echa.europa.eu/consultations/authorisation/svhc/svhc\\_cons\\_en.asp](http://echa.europa.eu/consultations/authorisation/svhc/svhc_cons_en.asp). This list is under evaluation by ECHA and may subject to change in the future.
2. In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w).
3. Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance.

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**Test Result(s):**

Substance Name	CAS number	Test method	Concentration (mg/kg)	MDL (mg/kg)	Classification
Cobalt dichloride*	7646-79-9	With reference to EPA 3050B: 1996, ICP-OES	N.D.	100	Carcinogen Category 2
Diarsenic pentaoxide*	1303-28-2	With reference to EPA 3050B: 1996, ICP-OES	N.D.	15	Carcinogen Category 1
Diarsenic trioxide*	1327-53-3	With reference to EPA 3050B: 1996, ICP-OES	N.D.	15	Carcinogen Category 1
Lead hydrogen arsenate*	7784-40-9	With reference to EPA 3050B: 1996, ICP-OES	N.D.	50	Carcinogen Category 1; Toxic to Reproduction Category 1
Sodium dichromate*	7789-12-0, 10588-01-9	With reference to EPA 3050B: 1996, ICP-OES	N.D.	35	Carcinogen Category 2; Mutagen Category 2; Toxic to Reproduction Category 2

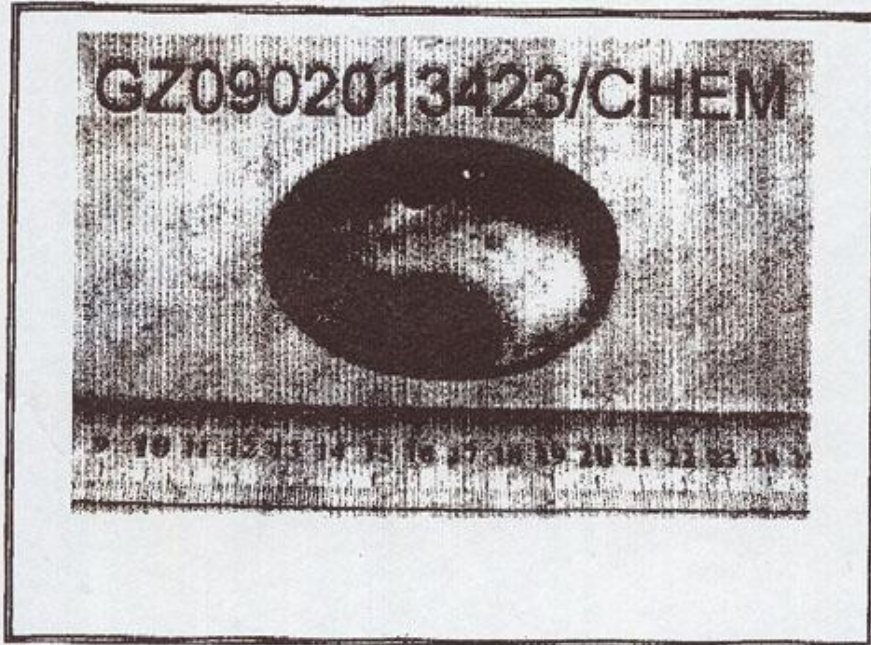
**Remark:**

- \* = Calculated concentration of cobalt dichloride is based on the identified heavy metal and anion result. Calculated concentration of diarsenic pentaoxide, diarsenic trioxide, sodium dichromate and lead hydrogen arsenate are based on the identified heavy metal result.  
Identity of above metal substances present in the article has to be further confirmed.
- mg/kg = ppm
- N.D. = Not Detected.
- MDL = Method Detection Limit

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Sample photo :



SGS authenticate the photo on original report only

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GZCM3050541

Appendix A

Classification	Definition under 67/548/EEC and Regulation (EC) No 1907/2006
Carcinogen Category 1:	Substances known to be carcinogenic to man. There is sufficient evidence to establish a causal association between human exposure to a substance and the development of cancer.
Carcinogen Category 2:	Substances which should be regarded as if they are carcinogenic to man. There is sufficient evidence to provide a strong presumption that human exposure to a substance may result in the development of cancer. Generally on the basis of: - appropriate long-term animal studies - other relevant information.
Mutagen Category 1:	Substances known to be mutagenic to man. There is sufficient evidence to establish a causal association between human exposure to a substance and heritable genetic damage.
Mutagen Category 2:	Substances which should be regarded as if they are mutagenic to man. There is sufficient evidence to provide a strong presumption that human exposure to the substance may result in the development of heritable genetic damage, generally on the basis of: - appropriate animal studies, - other relevant information.
Toxic to Reproduction Category 1:	Substances known to impair fertility in humans. There is sufficient evidence to establish a causal relationship between human exposure to the substance and impaired fertility. Substances known to cause developmental toxicity in humans. There is sufficient evidence to establish a causal relationship between human exposure to the substance and subsequent developmental toxic effects in the progeny.
Toxic to Reproduction Category 2:	Substances which should be regarded as if they impair fertility in humans. There is sufficient evidence to provide a strong presumption that human exposure to the substance may result in impaired fertility on the basis of:  - clear evidence in animal studies of impaired fertility in the absence of toxic effects, or, evidence of impaired fertility occurring at around the same dose levels as other toxic effects but which is not a secondary nonspecific consequence of the other toxic effects, - other relevant information.  Substances which should be regarded as if they cause developmental toxicity to humans. There is sufficient evidence to provide a strong presumption that human exposure to the substance may result in developmental toxicity, generally on the basis of:  - clear results in appropriate animal studies where effects have been observed in the absence of signs of marked maternal toxicity, or at around the same dose levels as other toxic effects but which are not a secondary non-specific consequence of the other toxic effects, - other relevant information.
PBT & vPvB:	Substances which are persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) pose a particular challenge to the chemicals safety management. For these substances a "safe" concentration in the environment cannot be established with sufficient reliability.

\*\*\* End of Report \*\*\*

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