

From: "Gabriel Ch'ng" <gabriel@tanaka.com.my>
To: <prapaisa@th.utacgroup.com>
cc: <samatlo@th.utacgroup.com>, <siriwanbu@th.utacgroup.com>, <dennapawo@th.utacgroup.com>, <mingkwanch@th.utacgroup.com>, "Edelyn" <edelyn@tanaka.com.my>

Date: Friday, June 15, 2007 02:02PM
Subject: RE: UTL's customer req you to conf for PFOS/PFOA mixed in your product

Dear K. Prapai,

I've checked and found that we do not use any PFOS/PFOA substance in our products.

Do we need to fill up anything for that?

Brgds
 Gabriel

From: prapaisa@th.utacgroup.com [mailto:prapaisa@th.utacgroup.com]
Sent: Thursday, June 14, 2007 6:40 PM
To: glan.lim@asmpt.com; joanne.ng@asmpt.com; pimmada.t@asmpt.com; mint.chan@asmpt.com; petch.p@asmpt.com; echo.wan g@asmpt.com; sales2@mitsui-thailand.co.th; mmasales@tm.net.my; barbarat@jade.com.sg; thaikist.jeon@samsung.com; ist2000@ oxinfo.co.th; sp.tay@possehlelectronics.com.my; Rosa.Ng@possehlelectronics.com.hk; beling.wong@possehlelectronics.com.hk; sitti porn@sumiko.co.th; patchaya@sumiko.co.th; pornkiat_a@dynacraft.com; pakamon@shinko.co.th; ogawa_j@mail.micro.dnp.co.jp; y onese_m@mail.micro.dnp.co.jp; dhanee@ji-net.com; tippawan@m-landarch.com; joannechia@sbs.sumibe.co.jp; anchana@sbs.sumi be.co.jp; charinee@sbs.sumibe.co.jp; alexchua@sbs.sumibe.co.jp; aor@hcap-bkk.com; naravich_nuanggam@gg.nitto.co.jp; Sujittra. Raksumruad@th.henkel.com; Peerapol.Kaewim@th.henkel.com; kcyep@keteca.com.sg; woraphat.dockchoorung@nstarch.com; kul wadee.kositduriyapun@nstarch.com; khachadpai.areeprasertsook@nstarch.com; magdalene.choo@tes.com.sg; oasa@kns.com; Edel yn; Gabriel Ch'ng; elaine@keteca.com.sg; vteo@indium.com; jlim@markem.com
Cc: samatlo@th.utacgroup.com; siriwanbu@th.utacgroup.com; dennapawo@th.utacgroup.com; mingkwanch@th.utacgroup.com
Subject: UTL's customer req you to conf for PFOS/PFOA mixed in your product
Importance: High

Dear all suppliers.

Please review below is req from our customer would like you conf that as your product per UTL req
 Do you have boths chemical mixed or not.. please clarify by return to us once you available, in case
 you have evidenc we would like you provide to us as well.

Looking forward to hearing and rec to you soon.

Investigation PFOS/PFOA (the new regulation substance) in regard to usage condition and change ¶ @

Dear Sir-Madam your corporation benefit thing of the glory you say to rejoice clearly distantly. ¶ @Usually, it grants extraordinary high distribution, gratitude says. In addition, from always it re ceives cooperation in environmental research, is grateful truly. Well, it is case of neck description, but EU regulation (76/769/EEC) was reformed on 2006 December 27th, the perfluoro octane su lfonate (below PFOS) decided with that use is prohibited to the product which Kamiichi is done after 2008 June 27th. In addition, perfluoro octane acid (below PFOA) the independent reduction program is presented the American protection of the environment agency (below EPA) from, vis-a-vis the fluorocarbon resin production company on 2006 January 15th. Therefore, we request co operation to the below-mentioned investigation.

1. PFOS

(1) the paint which makes use composite coating and the teflon resin disperse, the mist suppresant for the chrome plated liquid, the plated pretreatment medicine, the PTFE powder body composi te coating treatment agent for the plastic, the plated pretreatment medicine for the printed circuit board and the chemical polishing medicine for copper alloy, the electrolytic polishing additive for the stainless steel steel, there is a possibility of being used in the water repellency medicine, the waterproof medicine, the bubble condition digestion medicine and [huroaporitsushiyu] grease oil e tc of the paper the Satoshi tool 1. perfluoro octane sulfonate (PFOS) concerning.

(2) object law 76/769/EEC

(3) regulation contents

¶ @ content density cannot market use as for the substance or the compound item above 0.005wt% or.

¶ A content density cannot market the semimanufacture above 0.1wt%, as for the product and the part.

As for the fiber other canning substances where

¶ B content is included above 1 ¶ g/l u it is not possible to market.

Because there is an exemption stipulated annex 2, reference.

(4) we request the entry to the request item annex schedule.

In the corporation presence of PFOS/PFOA use. In end product presence of PFOS/PFOA remains. Material from the manufacturer, has request for modification to the substitute come? When ther e is a substitute, the item name. When you have used, our company part number and submitting of content. Our company overseas base payment concerning the part we request reply. It goes bac k to [sapuraichien], requests investigation. Reply at the Excel file submitting.

(5) the submitting time limit (it depends on the designated accounting table the) annex 1 PFOS/PFOA use presence investigation book (by all means submitting) the submitting time limit: When 2007 May 21st (month the) annex 3 PFOS content schedule (you have used only, submitting) the submitting time limit: 2007 June 15th (gold)

2. Perfluoro octane acid (PFOA) concerning

(1) use water dispersion and the related product (the fluorine paint), the fluoro rubber, the fluorocarbon resin, the telomer-related product (the water repellency plectrum oil,)

(2) independent reduction program contents such as mold release agent and surface active agent (the United States EPA) 2010 goal: 2000 ratio 95% reduction (commitment) in the object ¶ @ pro duct (teflon PTFE and the like) discharge from the quantitative ¶ A factory of remains PFOA (also sale and shipment include) the quantitative 2015 goal of PFOA which is done: 2000 ratio 10 0% reduction (promise of utmost efforts to meet the demand)

(3) request item in the corporation when presence investigating & containing of PFOS/PFOA use, our company part number and submitting of content reply at the Excel file submitting.
 (4) the submitting time limit (it depends on the designated accounting table the)
 annex 1 PFOS/PFOA use presence investigation book (by all means submitting) the submitting time limit: **2007 May 21st** (Monday)
 annex 4 PFOA content schedule (you have used only, submitting) the submitting time limit: **2007 August 20th** (Monday)

3. sending data summary
 @ investigation request book
 A annex 1 use presence investigation books (PFOS/PFOA use presence investigation book)
 B annex 2 exemption stipulated
 C annex 3 PFOS content schedule
 D annex 4 PFOA content schedule

4. Reply ahead submitting transmission in the below-mentioned mail address.
CE-KANKYO@kenwood.co.jp

5. When there is an inquiry tip unclear point, to ahead the below-mentioned inquiring please communicate. Car electronics marketing division audio system engineering department design management G environmental T crossing over or it is shallow field
 e-mail: watanuki.hiroshi@kenwood.co.jp; asahara.hiroshi@kenwood.co.jp
 TEL: 042-646-5505

***** A nnext 1 *****

<Submitting time limit> @ 2007 May 21st (month)
 <Ahead submitting> CE-KANKYO@kenwood.co.jp
 <You inquire, ahead> (Inc.) [kenutsudo] CE marketing (thing) design management G environmental T crossing over or it is shallow field
 e-mail: watanuki.hiroshi@kenwood.co.jp
asahara.hiroshi@kenwood.co.jp
 PFOS/PFOA use presence investigation book
 Reply day:
 Company name:
 Customer cord/code:
 Reply person name position:
 TEL FAX:
 E-Mail: @

The perfluoro octane sulfonate (PFOS)
 Entering sign in each which corresponds
 You have not used, c c c c c **XXXXX**
 You have used, c c c c c **XXXXX** -> 2007 June 15th (the gold) to submitting annex 3
 You have used, but it does not contain in the end product c **XXXXX**

Perfluoro octane acid (PFOA)
 Entering sign in each which corresponds
 You have not used, c c c c c **XXXXX**
 You have used, c c c c c **XXXXX** -> 2007 August 20th (month) to submitting annex 4
 You have used, but it does not contain in the end product c c **XXXXX**

***** Appendix 2 (Google too bad)*****

When PFOS exemption stipulation (exemption stipulation) the below-mentioned condition is satisfied even with 1 items, it becomes the object of exemption.

- The quantity which is included in the exemption
 - @ physical compound item due to content ratio the PFOS<0.005wt%
 - A semimanufacture, the exemption @ optical printing process the quantity where the quantity which is included in the product and the part is included in the PFOS<0.1wt%
 - B fiber other canning substances due to PFOS<1 g/l u
- use (electronic baseplate compilation process) with photoresist or acid resisting canning.
 - A film and the photographic coating which is used for paper or printing edition. In order to hold down the PFOS quantity which is discharged to
 - B environment to minimum it is used with the electroplate system which is controlled, the hard chromium for non decoration (the Y) the mist control medicine and the penetrant for plating. Hydraulic liquid
 - D 2006 for
 - C airplane before December 27th as for the bubble for extinguishing which the market is thrown to 2011 June 27th enabled.
 - E detergent depends the European rule regarding the detergent (648/2004) h.

Best regards,
 Prapai Sangkhum
 Tel: 662-749 1680 ext 1223
 email id: prapaisa@th.utacgroup.com

===== NOTIFY =====

Please be notified that starting from Aug 10,2006,
 our email domain will be changed to "@th.utacgroup.com".
 Our current email address "@nseb.co.th" will continue to work until Aug 1,2007.
 This change will apply to both individual and group email address.

Example : Current email address = name@nseb.co.th

New email address = name@th.utacgroup.com

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