

## TOPCON EU REACH Notification for Positioning Instruments

Based on the candidate list of SVHC of 15 Dec. 2010 and the 'authorisation' list of 17 Feb. 2011

The new European Union (EU) chemical regulation, REACH (Registration, Evaluation, Authorization and Restriction of Chemicals), entered into force on 1st June, 2007.

The candidate list according to Article 59 of REACH latest update was published on 15th Dec., 2010.

REACH requires TOPCON to provide customers with sufficient information if Substances of Very High Concern (SVHC) of candidate list are contained in our products in a concentration above 0.1% weight by weight (w/w).

Annex XIV of the REACH regulation (the "Authorisation List") has been amended on 17 Feb. 2011.

REACH requires from industry - if no suitable alternatives are available - to apply for an authorisation within the set deadlines. TOPCON will press this issue with its suppliers.

Our calculation method is based on "Guidance on requirements for substances in articles", published on May, 2008 and updated on April, 2011 by ECHA.

Following information is derived from our latest knowledge as far as we can know, and subject to change in the future.

Below mentioned SVHC is contained in the listed articles in a concentration above 0.1% weight by weight.

	P/N	Products Name	Products weight (g) incl. Acc. & Case	Name of SVHC (1)	Content rate of SVHC (1) in product	Remarks
				DEHP		
1	313126003	AD-11C	300	Contained	3,7%	Contained in PVC outer jacket of AC and DC cable
2	313140702	AD-13C	150	Contained	2,0%	Contained in PVC outer jacket of DC cable
3	313180702	AD-15	138	Contained	0,8%	Contained in PVC outer jacket of AC and DC cable

	P/N	Products Name	Charger as standard	Products weight (g) incl.
14	313750423	RL-VH4DR w/LS-80A	AD-13	6 800
15	314910462	RL-200 1S w/ LS-80L	AD-11	8 000
16	314920433	RL-200 2S w/ LS-80L	AD-11	8 250
17	329481201	TP-L4A Base Package	AD-13	9 800
18	329481211	TP-L4B Base Package	AD-13	9 800
19	329481221	TP-L4G Base Package	AD-13	9 800
20	329481231	TP-L4BG Base Package	AD-13	9 800
21	313980402	RL-H4C	AD-15	6 000
22	313660402	RL-SV2S	AD-15	6 000

\*Note: Calculations above (Item #4- #22) are without considering the charger (Item #1-#3 are the chargers)

### \* General information for DEHP

1. EC#: 204-211-0 CAS#: 117-81-7
2. Classification: Toxic to reproduction (Category 2: R60/61)
3. General notification for safety use: If touched, wash hands by fresh water.
4. This SVHC is used as plasticizer for PVC.
5. Risk assessment of DEHP was already finished by EU commission, and safety of usage as plasticizer for PVC outer jacket of cables is also confirmed.