



EAGOSH recommendation no. 11

Heavy Metals in Aircraft Maintenance and A/C Industries

This recommendation shall provide guidance to EAGOSH members regarding the issue of heavy metals used in aircraft maintenance and A/C industries. It reflects EAGOSH's co-ordinated opinion on this matter.

1. Definitions

To the group of Heavy Metals usually belongs the “precious metals” and e.g. Bismuth, Cadmium, Chrome, Copper, Iron, Lead, Mercury, Nickel, Tin, Uranium and Zinc.

As Toxic Materials are classified Cadmium, Copper, Lead and Mercury as well as chemical compounds, alloys and preparations of these metals.

2. Best practice

The below-given table identifies for selected activities nationally or internationally recognised best practises for safe handling of heavy metals in aircraft maintenance.

Issue	International or national best practice	Internet resource
Chromium(VI) in aircraft paint processing	German TRGS 900	www.dguv.de
Cadmium in aircraft corrosion prevention	German Hazardous Materials Ordinance (GefStoffV), Annex IV, No 17 German TRGS 905	www.dguv.de www.baua.de
Aircraft counterweights	AEROSPACE MATERIAL SPECIFICATION SAE AMS-T-21014	www.sae.org
Use of Lead in A/C industries	German TRGS 505	www.baua.de
Lead in ambient air	CEC directive 1999/30/EU	www.publications.europa.eu

3. Procedures

EAGSOH members are encouraged to use the above listing of best practices as guidance for their individual risk assessments when handling heavy metals.

4. References:

- A. International Labour Office (ILO), Encyclopaedia of Occupational Health and Safety, 4th edition, ISBN 92-2-109203-8 www.ilo.int
- B. RTECS®-data bank, Canadian Centre of Occupational Health and Safety (CCOHS) www.ccohs.ca

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