

# Materials Directive for Suppliers

- 1) The following substances must not be contained in the products supplied (mixtures, articles or components of complex articles):
  - Cr-VI (vaRS aims at Cr-VI free products, therefore no surface treatment method shall be used that results in Cr-VI being present in the resulting surface. Cement used for concrete products (e.g. sleepers) must comply with national limit values for Cr-VI (in EU/EEA: according to EU REACH Regulation, Annex XVII, point 47)),
  - Zinc chromate, lead chromate,
  - "technically unnecessary" lead and its compounds (Note: Not relevant when ordering lead-acid batteries or leaded solder or for electronic components where leaded solder is required for technical reasons (mainly temperature/weather resistance) - see point 2 below),
  - Mercury and its compounds,
  - Cadmium and its compounds,
  - benzene, toluene (use only in paint shops approved for this purpose),
  - polycyclic aromatic hydrocarbons (PAH; only permitted in creosote-impregnated sleepers in accordance with national legislation),
  - Arsenic (only permitted as CCA type C (inorganic copper-chromium-arsenic solution) in salt-impregnated sleepers in accordance with national legislation),
  - Asbestos,
  - carcinogenic man-made mineral fibres,
  - Pentachlorophenol (PCP),
  - chlorinated biphenyls and terphenyls (PCB and PCT),
  - polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE),
  - chlorinated hydrocarbons and chlorofluorocarbons (CHC and CFC),
  - chlorinated paraffins (e.g. in oils and lubricants),
  - organotin compounds, azo dyes,
  - n-hexane and cyclohexane,
  - sulphur hexafluoride (SF<sub>6</sub>; only permitted for high-voltage circuit breakers),
  - Formaldehyde.
  
- 2) If the substances mentioned in point 1 cannot be avoided for technical reasons, this must be notified to the client and requires prior approval by the client.
  - Required information: Type of substance + product/component(s) concerned + respective concentration(s) + reason for use/necessity.
  - The supplier fills in the questionnaires required by the contractor (e.g. CF-O-029 regarding Cr-VI in products).
  - Submit this information to your responsible purchaser (Email-address included in our order)
  
- 3) In case the products supplied contain tin, gold, tungsten or tantalum (in case of intentional use, without unintentional impurities), the origin of these elements must comply with the OECD regulations on conflict minerals and their national implementation.
  - Such minerals not sourced from CID registered smelters will not be accepted and violate the purchase order / contract.

- For products such as solder or gold-plated electronic parts or carbide tools, a filled in "CMRT" (Conflict Mineral Reporting Template - template in current edition) with the CID numbers of the smelters of origin must be provided as part of the delivery (prior to the first order and subsequently updated if changes occur or at least annually). Address this CMRT to: Mario.Intersberger@voestalpine.com (vaTTZ)
- 4) For each chemical product supplied (mixtures in containers, but also as components of articles such as operating fluids in machinery like greases, hydraulic oils or refrigerants) a Safety Data Sheet (SDS) according to Regulation (EC) No 1907/2006 (REACH) Article 31 Annex II must be provided as part of the supply.
  - 5) Suppliers of products containing isocyanates (adhesives, paints, etc.) shall provide the nationally required safety information and training (e.g. according to the EU REACH Regulation Annex XVII point 74) in German and/or English.
  - 6) Notes on specific regulations with which the delivered products must comply:  
For destinations in the EU / EEA: REACH Regulation, CLP Regulation, Biocidal Products Regulation, Construction Products Regulation, Restriction of Hazardous Substances (RoHS Directive).
  - 7) The supplier (within or outside EU/EEA) shall endeavour not to use SVHC (Substances of Very High Concern) according to the EU REACH Regulation (= substances in authorisation list or candidate list on the EU ECHA homepage) with a content > 0.1% by mass within an article or a component of a complex object. If this target cannot be met for technical reasons, the supplier shall provide all necessary information based on EU-ECHA Article 33(1) and the EU Waste Framework Directive in order to be able to perform the SCIP database registration and fill in the necessary customer questionnaires.
    - Address this information to your responsible purchaser (Email-address included in our order)
  - 8) For EU/EEA: Electrical/electronic components and equipment (devices such as monitors, laptops, chargers, etc.) must comply with Directive 2011/65/EC (RoHS - Restriction of Hazardous Substances Directive) as amended.
  - 9) For deliveries to the EU / EEA by suppliers outside the EU / EEA (= direct import):
    - The supplier shall provide all necessary data for the carrying out of registrations, notifications to authorities and customer information required e.g. by the EU REACH Regulation, EU CLP Regulation, EU Biocidal Products Regulation and EU RoHS Directive (all in valid edition at the time of delivery).