

Consultancy & Advisory services for REACH Compliance & Registration for Rubber Products

The **Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)** Directive dated 18th December 2006 requires all manufacturers & exporters of rubber products into the European Union to comply with certain limits specifically regarding **Polycyclic Aromatic Hydrocarbon Compounds (PACs)** and a list of **Substances of Very High Concern (SVHC)** whose use is highly restricted.

Rubber compounds require extender oils to facilitate processing. Highly aromatic oils (DAE or Distillate aromatic extract oils) have traditionally been used because of their excellent compatibility with natural & synthetic rubbers and also because of their lower cost. The REACH directive limits are regarded as maintained, if the vulcanized rubber compound does not exceed the limit of 0.35% Bay hydrogen as measured by ISO 214614 by means of Nuclear Magnetic Resonance (NMR) Spectroscopy.

We can provide technical consultancy and advisory services for the REACH Compliance and Registration of your rubber product for export to the European Union.

- We will assist you to restrict and control the use of PAC containing materials (Oil, reclaim rubber, waxes, plasticizers etc.) in your rubber compound so as to meet required limits.
- We will suggest alternative extender oils so as to meet the required PAC limits
- We will assist you to restrict and control the use of compounding ingredients containing Substances of Very High Concern (SVHC) so as to meet required limits
- We will get your product tested in an accredited third party laboratory as per ISO 214614 (2012) to ascertain REACH compliance
- We will prepare the technical documentation for you to show REACH compliance and apply for requisite certification.

We are a leading Technical and Project Consultancy organization in the rubber, tyre, thermoplastic and related fields. You may visit our website to know more about our organization, activities, profile of directors and list of clients. We look forward to hearing from you in the matter.

Best regards,

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