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Tuball™ single wall carbon nanotubes: Health, safety & environmental issues

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The company OCSiAl has been founded in 2009 and is also the first SWCNT manufacturer who has completed his EU-REACH registration for a tonnage band of up to 10T/a and is planning to receive approval for a tonnage band up to 100T/y by the end of Q3/2019. At the end of 2017 we achieved our signed consent order with the EPA that allows us to import up to 25T/y. Because Tuball™ is used and also tested in various applications on an ongoing basis, also receiving a lot of interests worldwide. That is why it is obvious that the company OCSiAl is establishing the necessary regulatory and quality standards worldwide. The first part of this presentation will aim at providing a short introduction of our Tuball™ substance and his product line, a second part of the presentation will be about the morphology vs Health & Safety status, the third part is an overview about the status and plans of the ongoing registrations and compliance. The fourth and last part of the presentation will focus on the health, safety and environmental aspects of our Tuball™ substance and the different applications. As SWCNT manufacturer, OCSiAl is doing continuous investments in improving our understanding of our different (new) Tuball products themselves and potential hazards through their (entire) life cycle. We are involved in generating additional test data and collaborating with industry associations and networks. This presentation will describe the steps being taken by the company's H&S Lead manager, Van Kerckhove Gunther to successfully introduce our carbon nanotubes (SWCNT's) regulatory status and outline our (future) plans for numerous studies and qualifying our Tuball™ substance including the different kind of compositions.

Biography

Gunther holds an engineer diploma in Chemistry & Plastic technology and bachelor in Safety advisor (2005). With over 10 years of invaluable experience in SHEQ managing projects and resources in an effective and efficient manner. Highly focused with a comprehensive knowledge and understanding of various industries and sectors such as plastic engineering, automotive, trailer building, composite engineering/ development, chemical industry, logistics, Operational services and consulting. As a true professional he is always willing to challenge the status quo and improve on existing standards. Since June 2016 he joined the company OCSiAl as a H&S manager, responsible for the regulatory affairs worldwide.

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