

Masterbatch
(Farbkonzentrate)
Für alle thermoplastischen Kunststoffe

Color-Service GmbH & Co. KG – Am Mittelberg 3 – 63791 Karlstein



The REACH Regulation 1907/2006/EC

Regulation (EC) No. 1907/2006, entered into force on 1st June, 2007, is stipulating the Registration, Evaluation, Authorization and Restriction of chemical substances. In the opinion of the European authorities the introduction of REACH was essential in order to hold the manufacturers and importers responsible for the safe use of chemicals and on the contrary, not the national authorities (e. g. in Germany the “Bundesanstalt für Arbeitsschutz und Arbeitsmedizin BAuA”).

To date the manufacturers/importers have thus registered more than 12.000 substances at the chemical agency ECHA located in Helsinki. Commission and agency have nominated more than 160 substances of Very High Concern (SVHC) (until 2018 they calculate with approximately 400 nominations) both have validated 31 substances to be due to authorization and have made up many new restrictions e. g. for cadmium and lead chromates.

The CLP (GHS) Regulation 1272/2008/EC

The Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures is implementing the Globally Harmonized System (GHS) of the United Nations in the EU. By means of 28 hazard classes and 72 categories CLP is telling us what a hazardous chemical substance is. It is being classified with at least one Hazard Statement Code “HXYZ”. Substances with a hazard statement are hazardous and the “C&L Inventory” database is listing them all.

Furthermore CLP is giving us help in calculating the hazardous properties of mixtures. Suppliers, means manufacturers, importers, downstream users or distributors, have to issue material safety data sheet (MSDS) for hazardous substances and mixtures according to Article 31 of the REACH Regulation.

There can be derived the following substance hierarchy:

- There are about 5.000 substances with hazard statement in the EU.
- About 400 substances are potential SVHC.
- More than 160 SVHC are nominated to date.
- 31 substances are due to authorization.
- There are 64 restrictions for substances and substance groups to date.

In short:

CLP is telling us what a hazardous substance or a hazardous mixture is, with varying degree of hazard. REACH is telling us how we have to communicate with the hazard substances.

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Komplementärin: Color Service Verwaltungs GmbH Geschäftsführer: Amos Megides, Dr. Thomas Kemmler, David Zveda
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Our Duties

1. Color-Service GmbH & Co. KG is a „Downstream User“. Masterbatches are consisting of several substances; by definition they are mixtures.
2. We check the material safety data sheets that our suppliers have to send us on a regular basis in terms of all hazard ingredients. As soon as having received new information we renew our own material safety data sheets. For all our products, whether classified or not we issue a MSDS according to the formal requirements of the Regulation (EU) No. 452/2010. Until May 2015 we will have classified all our masterbatches according to CLP.
3. Meanwhile more than 90 percent of the substances contained in our delivered raw materials are registered at ECHA. With the help of the disclosed registrations dossiers and the “C&L Inventory” database we verify the MSDS of those supplied mixtures that do contain not yet registered substances. With this we ensure a high actuality of data in our documentation.
4. According to the documents sent from our suppliers our masterbatches are actual free of SVHC substances.

Concerning the product safety of our masterbatches you will get our product information, which we will make available upon request. Recipients of our product must take responsibility for observing existing laws and regulations. The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect during processing and application this data should not be viewed as a sure guarantee, either for profession description or for detailed application.

Issued : May 2016

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