

Sustainable economizing with hazardous goods

There are different options to store hazardous goods during operational processes. Using stainless steel products (as opposed products made of glass-, plastic- or steel) provides advantages from ecological as well as from economical point of view.

The use of products made of glass, plastic or steel could be sufficient for a number of hazardous goods. But many hazardous goods chemically corrode especially containers made of plastic or steel. These containers become decomposed and need to be replaced after a relatively short period of time. Containers made of stainless steel are more cost efficient as they provide for significantly longer useful life. For a multitude of chemicals containers from plastic or steel are even generally insufficient, the application of stainless steel containers is compulsory in these cases. In addition, glass has the problem of low robustness. Substances in glass containers can easily discharge if these containers accidentally fall or strike against something. To responsibly increase safety levels the application of safety containers from stainless steel therefore is recommended.

Further, hazardous goods, which can be stored in plastic or steel from a technical point of view, are safer in stainless steel containers. They provide increased safety for your employees and the community through their maximum chemical resistance and explosion protection. Additionally, Roetzmeier Safety Containers allow for a substantial longer useful life. These containers can be utilized for several decades, providing for lower total cost (including purchase, labelling, replacement cost, administration, etc.) during the containers lifetime compared to containers made of alternative materials. In this sense they may also be used for returnable container systems replacing one way products. Investments in safety containers made of stainless steel conserves resources by two ways: avoiding frequent and therefore expensive replacements of other containers and lower environmental impact of disposal. The fire and explosion resistance additionally minimizes risks and costs of operational accidents and injuries at work.

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About:

Roetzmeier Safety Containers is a german based manufactory with regional sourcing. The family owned business is located in Salzkotten, a city in the geographical heart of Germany. With more than 45 years of experience in working with stainless steel and persistent efforts for innovations and improvements in safety techniques products from Roetzmeier Safety Containers offer quality at the best for working with hazardous goods.

More information: <http://www.roetzmeier.com>