

The manufacturers of pre-treatment systems are responsible for information on changes to their products. The GSB Technical Commission must be informed and decide on the subsequent course of action before any information is given to GSB customers.

A conversion treatment product consists of inorganic metal salts and/or organic polymers. Furthermore, additives can be added to modify properties such as rinsability, run-off characteristics, etc.

The conversion coating is formed by the metal salts and the organic polymers. The inorganic components are mainly responsible for corrosion protection, while the organic polymers mainly affect the adhesion of the lacquer. With no-rinse systems, all of the constituents that remain on the surface form the conversion coating.

Definition of changes that require a new licensing procedure

A new licensing procedure in accordance with the GSB step-by-step plan has to be carried out if the chemical composition of the conversion layer is changed significantly. This is the case when the following conditions are fulfilled:

1. Modification of the inorganic composition of the conversion layer by substitution, addition or removal of metal salts in the conversion treatment product.
2. Modification of the typical appearance of the conversion layer, e.g. from colourless to coloured.

Definition of changes that require a field test

3. Modification of the organic composition of the conversion layer by substitution, addition or removal of polymers in the conversion treatment product.
4. Substitution, addition or removal of additives that modify the run-off properties in no-rinse systems.

Definition of changes for which GSB has to be notified

5. Changes to formulations such as the formulation for bath make-up solutions that are designed to keep the bath parameters stable.

I have noted the information given here:

Date

Signature / company stamp

