

# Technical Tuesdays

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## Restricted Substance in Textiles - an insight - part-1

### Definition of “Restricted Substances”

Restricted Substances are chemicals and other materials whose presence has been banned or otherwise restricted either by legislation or by brands in a particular manufacturing process.

Typically, a restricted substance must be absent from a finished product or present in limited concentrations.

### Why Substances are Restricted

Substances are restricted for many reasons.

- Many substances are restricted by governments because they believe the chemicals or materials present an environmental, health or safety risk.
- Substances are restricted by individual companies because they are following these government regulations or because they have other reasons to believe that the presence (above a certain level) of these chemicals or compounds in a finished product is unsafe.
- Substances are restricted in different ways. As noted above, some substances are banned from finished products entirely. Others might be banned if they are present above certain limits. In either case, a substance restriction is usually accompanied by a test method that companies can use to verify if a chemical is present and if so, ensure the chemical is below the restricted level.

### Purpose of the RSL and Why it is Important to Suppliers

The purpose of the RSL is to clearly set forth for suppliers those chemicals that are restricted or banned from finished products.

Companies publish RSLs to ensure that suppliers and vendors - as well as internal corporate officials - understand corporate restricted substance requirements. Laboratories often publish RSLs to provide guidance for their clients on various existing requirements.

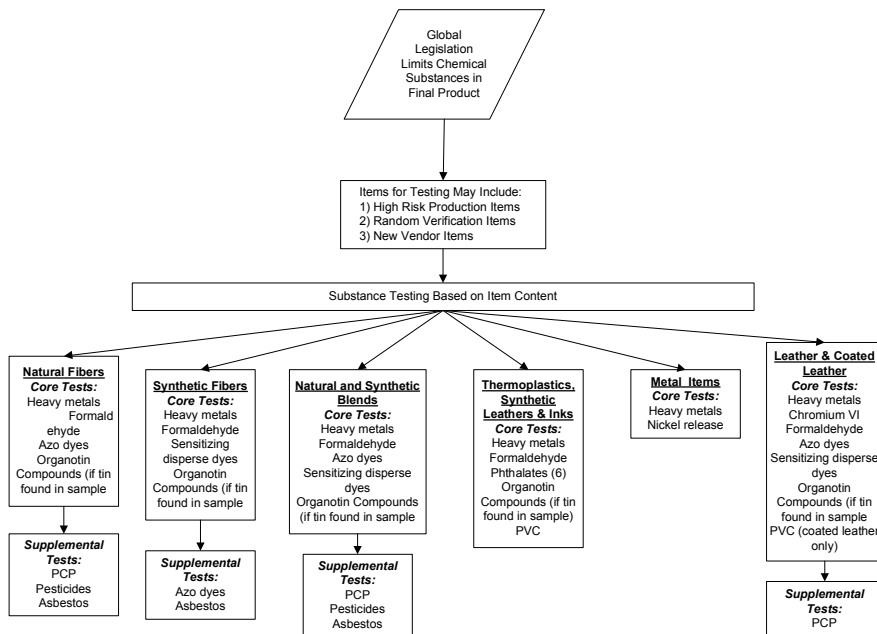
The following table helps us to draft a list of possible Restricted Substance in the end products

*A knowledge sharing initiative of Resil Chemicals.  
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## Restricted Substances Testing Package Overview



The norms and the acceptance criteria differs from the buyers according to the land of destination which bears its own laws and regulations.

Next week we will have a short look into flow diagram of root cause identification in the process chain if an RSL is found in the end product.

.... To be continued

“Have a happy week ahead”

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