

Directa Plus _ TOXICITY TESTDate:
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Although it is not required by any law or industry standards, Directa Plus started a wide program of toxicology screening tests, to certify the non-toxicity and non-cytotoxicity of G+ products.

The *in vitro* toxicology analysis certified that Directa Plus materials are:

- NON CITOTOXIC (i.e. they are not toxic for cells)
- NON EYE IRRITANT
- NON SKIN IRRITANT
- NON SKIN CORROSIVE
- NON GENOTOXIC (i.e. they don't induce mutations on DNA)
- NON TOXIC FOR REPRODUCTION (i.e. they don't induce inhibitory effects on the process of *in vitro* maturation of oocytes)
- NON SENSITISING (i.e. the products are not able to activate the immune system)

All the analysis have been performed following international standard methods.

Furthermore, Directa Plus performed two *in vivo* tests on human volunteers to evaluate toxicological aspects of G+ printed fabrics and G+ membranes.

Allergic skin tests, of different durations, have been carried out to evaluate potential skin irritation after contact with the fabrics or the membranes.

Directa Plus textile products, at the end of the analysis, have been certified as:

- DERMATOLOGICALLY TESTED, after 48 hours of applications
- HYPOALLERGENIC, after three weeks of applications on volunteers with sensitive skin