

# TECHTEX

## EUROPE

Techtextil Innovation Prize awarded to BakaSave®

### Roller Blinds for Reduction of Indoor Toxins

Most indoor space occupied by people poses a constant threat of the so-called Sick House Syndrome. Hazardous emissions are continuously released into the air from building materials, furniture, floor coverings, wall panels and consumer goods. Symptoms such as headaches, fatigue, nausea, skin rashes, eye irritation and respiratory problems are linked to an increased contamination of air with organic-chemical compounds, the so-called VOC's (Volatile Organic Compounds) in confined spaces.

Bamberger Kaliko GmbH, Bamberg, Germany, offers a highly effective, ecologically sound and economically viable protection against Sick House Syndrome: BakaSave®, the active agent added to fabrics for sun and light protection accessories such as horizontal and vertical blinds.

BakaSave® is a catalyst which

absorbs harmful gases such as formaldehyde as well as nicotine and other unpleasant odours, binds these on the surface of the blind and transforms them into harmless substances such as water (H<sub>2</sub>O) and carbon dioxide (CO<sub>2</sub>).

The deodorization (absorption and dissolution) of gases and odours is brought about by chemical reactions with organic nitrogenous compounds and metal salts. BakaSave® is the catalyst for these reactions while retaining its own chemical properties. In other words, the active agent maintains its properties and remains highly effective permanently and lasts a lifetime.

BakaSave® is environmentally friendly and can be added to all fabrics for indoor sun and light protection, be it daylight, blackout or B1 products. In any room or building BakaSave® is the economical and

permanent answer for protection against Sick House Syndrome. This innovation has been awarded with the Techtextil Innovation Prize 2003. (Stand 6.1 D31) (7838)