



SILCOTEC HAPPENINGS Fall\Winter 2010

For the latest "What's Going On" at SilCoTec

SILICONE COMPOUNDS

- SilCoTec has great experience in developing & compounding silicones that require specialty powders and additives necessary to impart a certain characteristic in a final part. This experience includes, but is not limited to, the addition of several highly specialized powders\additives such as metal powders, silicates, ceramic & glass particles, and even diamond dust. In many cases, SilCoTec can add these specialized ingredients at levels necessary for maximum enhanced properties. In addition to compounds, SilCoTec can develop specialized masterbatches for HCR's and LSR's.

SPECIALTY PROJECTS

- In continuation of SilCoTec's development of enhanced self-bonding silicones, SilCoTec is creating liquid bonding additives that are focused on LSR applications. These additives can be customized to match the silicone product with a substrate or other silicone product to produce a uniform bond that has increased strength & durability. In many cases, these additives can be combined with pigments and other powders to produce a final product that can be added to one or both parts of an LSR system or added as a third feedstream.

SILICONE MASTERBATCHES

SilCoTec has a new line of pigment masterbatches that are compliant with the ISO 10993-5 Cytotoxicity standard for the biological evaluation of medical devices. In being compliant with this standard, these pigment masterbatches were found to be acceptable for use in medical device applications. The pigments encompass the full spectrum of colors and can be blended to match Pantone and/or Federal color standards. Many of these pigments are already used in the medical field for medical grips, instrument testing parts, seals, and tubing. The pigments are available in high consistency as well as liquid form.

If you would like further information about the above projects or if you have a project that requires a silicone material, please contact SilCoTec and allow us the opportunity to work with you.

Our website is www.silcotec.com or we can be reached at 219-324-4411.

Ask for George or Kelli for technical assistance.

We look forward to hearing from you.