

SILIKOPHEN® AC 900 and SILIKOPHEN® AC 1000 – The new ambient curing silicone resins for high temperature industrial applications

SILIKOPHEN® AC 900 and SILIKOPHEN® AC 1000 were designed for the high temperature applications of industrial objects, muffler coatings and oven coatings. Due to their ambient temperature curing capabilities, a feature highly coveted by manufacturers, these resins permit energy-saving coating application of large objects which would otherwise prove difficult in a more traditional oven-cure.

Formulations with SILIKOPHEN® AC 900 and SILIKOPHEN® AC 1000 provide excellent long-term heat resistance as well as early chemical resistance after application.

SILIKOPHEN® AC 900 is very flexible during heating and cool down. It is also highly compatible with organic resins and shows excellent wetting properties with a wide range of pigments and fillers.

SILIKOPHEN® AC 1000, on the other hand, provides excellent color stability.

Having a very low VOC content, both products are environmentally friendly and provide multifaceted, resource-efficient corrosion protection in high temperature applications.

Company information

Evonik, the creative industrial group from Germany, is one of the world leaders in specialty chemicals. Profitable growth and a sustained increase in the value of the company form the heart of Evonik's corporate strategy. Its activities focus on the key megatrends health, nutrition, resource efficiency and globalization. Evonik benefits specifically from its innovative prowess and integrated technology platforms.

Evonik is active in over 100 countries around the world. In fiscal 2012 more than 33,000 employees generated sales of around €13.4 billion and an operating profit (adjusted EBITDA) of about €2.4 billion (excluding Real Estate in both cases).

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