

TEGO RC 722– Evonik launches new UV silicone release coating

Perfect anchorage and premium release

In answer to China's huge market growth, Evonik Industries launches a new silicone UV cure product TEGO RC 722. Tego RC 722 is an anchorage component for use in combination with Tego RC 902 and/or Tego RC 922 to yield a final release coating with premium release qualities, excellent anchorage and minimal rub-off. Tego RC 722 makes the dosage of additional anchorage promoter surplus. TEGO RC 722 will complement Evonik's well balanced product portfolio of TEGO RC silicones.

Evonik's free radical curing RC silicones have been a key for label applications on a wide variety of filmic or paper surfaces for decades. The very robust curing mechanism is completed in fractions of a second at room temperature which means low energy consumption and no stress to the substrate. Paper shows excellent lay-flat behavior.

Evonik UV silicone enables the linerless label technology

For the standard PSA label, the release liner makes up to 40 % of the material of the label which ends as waste. These days there is a strong market pull for linerless labels. Linerless label technology offers a genuine contribution to sustainability to our environment as it avoids waste of the used released liner.

UV curing TEGO RC silicones allow successful in-line coating on top of the printed substrates, without interference with the substrate and printing. The adhesive can be applied also in-line on the reverse side of the label, so the label is rolled up without a liner, just like a tape. Typical applications include linerless thermal print labels, wrap around labels or micro perforated decorative labels.

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Dr. Stefan Stadtmueller, Vice President Surface Technologies of Evonik remarked, “In Europe only, the release liner waste is estimated to be around 400,000 metric ton. Evonik UV curing TEGO RC silicones could not only help to get rid of the release liner but also save the cost of the release liner & transportation of label, put more labels per roll and reduce the downtime in label production.”

Come and visit us at our booth A33 Hall E1 during the 2015 Asia Labelexpo from Dec 1–4. Be the first one to experience our new product Tego RC 722.

For more information, please visit
www.evonik.com/tego-rc
www.tego-rc.com

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 2014 more than 33,000 employees generated sales of around €12.9 billion and an operating profit (adjusted EBITDA) of about €1.9 billion.

Evonik Industries has been producing specialty chemical products in the Greater China region (Mainland China, Hong Kong and Taiwan) since the late 1970’s; with wide-ranging trading relations already in place prior to this in the region. Evonik regards Greater China as one of the driving forces of the global economy and we consequently endeavour to grow our business in the region. The company now has around 3,000 employees in the Greater China region, the regional sales reached over €1.1 billion in 2014.

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