

# UV-NEWS

**RAHN** | EnergyCuring

## Product Launches

**GENORAD\* 10** is a surface-active additive that enhances flow properties of inks and coatings. It is silicon free and improves gloss and adhesion. Typically it is used in concentrations from 1 to 10%, depending on the pigment, binders, photoinitiators and their concentration.

**GENOCURE\* LTD** is a liquid blend for non-yellowing clear and white pigmented systems and is typically used in concentrations from 1 to 5%.

- liquid
- excellent reactivity
- good solubility
- good surface and through cure

**GENOMER\* 2281** is a modified bisphenol A epoxy diacrylate for radically curable inks, coatings and adhesives. Compared to standard bisphenol A epoxy acrylates, GENOMER\*

2281 offers greater flexibility and toughness while maintaining fast cure response. GENOMER\* 2281 offers an excellent balance of properties

- excellent reactivity
- high hardness
- excellent abrasion and solvent resistance
- good scratch resistance
- good adhesion
- high gloss

**EPOXY ACRYLATE 10-620** is a bisphenol A epoxy diacrylate and available in dilutions of 20%, 40% in TPGDA and TMPTA as well as in 20% HDDA. Product properties are

- excellent reactivity
- high hardness
- good scratch resistance
- high gloss
- excellent abrasion and solvent resistance

## Review: RadTech UV/EB West 2011

The two-day RadTech UV/EB West 2011 took place in Santa Clara, California, from March 8–9, 2011. During the conference, counting more than 240 visitors, leading industry suppliers brought attention to the benefits of UV/EB technology for the electronics industry.

The various presentations featured topics in the area of coatings like solar cells, printed electronics, optical films, flexible displays (LCDs, touch screens) and adhesive technologies. UV/EB West was a great opportunity for the UV/EB industry



to present the advantages of their technology to a big potential market. One of the key issues was to

demonstrate how to be compatible with low cost flexible substrates. We would like to thank all visitors of our booth for their positive feedback and valuable inputs.

Dear Reader

The European Coatings Show in Nuremberg at the end of March was a positive event for most exhibitors. The fact that at this technically relatively broad show we were able to have very specific conversations with customers on their UV/EB-projects provides further proof that our technology by now belongs to the 'mainstream' and has matured in the recent past.

The mood in the industry seems to be somewhat optimistic, even if global themes like deficit spending, the uncertain future of nuclear energy and the continued volatility of the raw material markets are a concern. The availability of acrylic acid particularly in Asia remains tight, despite the fact that some signs of relief can be seen for Europe and North America. Therefore, it is a welcome coincidence for us that the free trade agreement between Europe and South Korea is entering into force soon, further improving the competitiveness of our partner's Miwon products in the European markets.

Recently, we have added another development chemist to our team. This emphasizes RAHN's focus on product innovation. In this edition of our UV-News you can read – amongst other things – about our latest product launches. An additive, a photoinitiator blend and two resins are now complementing our broad product range.

I wish you a very pleasant summer time!

Marcel Gatti, CEO RAHN-Group

## Review: European Coatings Show (ECS) 2011

We look back on a very successful exhibition and would like to thank the many visitors of our booth for the good discussions and the interest in our products and services. A total of approximately 26'000 visitors came to the ECS in Nuremberg, which was a new record according to the organizers.

We are looking forward to welcoming you at the upcoming **RadTech Europe**, held in **Basel (Switzerland) from October 18–20**. On Wednesday, October 19, in session 9 on Health & Safety, Ms Brigitte Lindner, RAHN Expert Regulatory Affairs, will give a presentation on "Global Harmonized System of Classification and Labelling".



## RAHN-Distributor Training Days

After RadTech Europe (October 18–20, 2011), Basel will also host the upcoming **RAHN-Distributor Training Days: Thursday and Friday, October 20 and 21**. During this event – usually held every other year – our worldwide

partners will have the opportunity to gain plenty of useful information and product knowledge that will be beneficial to them in their national marketing activities.

## Q-Audit and renewed certificate

In June 2011, RAHN was successfully re-certified, with the renewed ISO certificate being valid until June 2014. ISO standard 9001:2008 is the most prominent certificate for process oriented quality management systems. RAHN has been ISO 9001 certified since 1996 and is conforming to the SN EN 9001:2008 standard. In order to maintain high quality standards, our Quality Management System (QMS) is regularly checked and continually improved.



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