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Incorez introduces hazard-free PU dispersions

A global leader in Oxazolidine chemistry and manufacturer of speciality resins and intermediates for the coatings industry has launched a new range of high performance, hazard-free dispersions.

Incorez, part of the Sika Group, has addressed the reclassification of pyrrolidone solvents with the launch of a new range of pyrrolidone-free polyurethane and polyurethane/acrylic dispersions under the **Dispurez** name.

These new products are without any hazard classification and have been designed to enable formulators to enhance the performance of their coatings over and above NMP/NEP containing products without the need to significantly increase volatile organic compound (VOC) content.

The development of novel, proprietary chemistries and processes makes it possible to achieve excellent coalescence, with minimal additional co-solvent to give hard, crystalline polyurethane coatings, allowing the formulator to limit the VOC content and satisfy increasingly stringent legislation requirements.

Ian Martin, Technical Manager at Incorez commented on the launch: “The PUDs breakthrough is significant, as it allows the formulator to move away from existing toxic solvents to non-hazardous materials without impacting on VOC levels or compromising performance.

“When a surface was subjected to pencil-hardness-testing, the new PU dispersions exhibit a faster hardness development and higher ultimate hardening than with both pyrrolidone solvents, in addition to improved chemical resistance properties.”

Neil Carter, Business Unit Manager for Incorez concluded saying: “This is an important step-change for the industry with the launch of the **Dispurez** range and clearly illustrates the importance of innovating through skilled chemistry to evolve technology.

“Furthermore, this innovative approach of utilising comparable physical properties and achieving excellent results, whilst removing the requirement to carry hazard labelling, is a win-win situation.”

For more information visit the Incorez website www.incorez.com

NOTES TO EDITORS

The **Dispurez** range is available for sale via the Incorez global network of agents and distributors.

Samples are available for evaluation plus Technical Datasheets and Safety Datasheets are available to download from the Incorez website www.incorez.com

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