



THE HANSON GROUP, LLC
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NEWS



EST. 1996

HANSON GROUP

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PRODUCT SPOTLIGHT: HANSON CAT 100

MERCURY CATALYST REPLACEMENT

HANSON CAT 100 has found wide use as a mercury catalyst alternative in both CASE and foam applications. It exhibits somewhat delayed low temperature initialization and a strong finish. This includes catalytic activity in both TDI and MDI based systems containing polyether/polyester polyols, primary/secondary polyols, castor oil, poly BD polyols and amines. There are also indications of catalytic activity in isocyanate trimerization reactions so stability in isocyanates and prepolymers is low. In addition, we have found low reactivity enhancement with most aliphatic isocyanates.

HANSON CAT 100 has a relatively linear reactivity curve at concentrations from 0.1% to 3% and beyond. This allows dialing in catalytic activity at reasonable addition levels avoiding catalyst starvation.

HIGHLIGHTS

- Non-mercury polyurethane catalyst
- Low initialization temperature and strong finish
- Can be used in CASE and Foam applications
- Catalyzes most polyurethane chemistries - ethers, esters,



primary/secondary polyols, amines, castor oil, and poly BD

- Can be used as backend co-catalyst
- Linear and wide concentration range of activity

APPLICATIONS

HANSON CAT 100 can be used in the following industries:

- Electronics
- Automotive
- Aerospace
- Marine
- Oil & Gas
- Many More

[PRODUCT TDS](#)

[PRODUCT SDS](#)

[Request a Sample: 770-495-9554](#)



ABOUT THE HANSON GROUP

If you don't know us, then we'd like to introduce ourselves.

Established in 1996, [The Hanson Group](#) is a specialty raw material business catering to customers in the coatings, adhesives, and plastics business. Over the past two decades the company has evolved to provide formulated systems – combining raw materials and personalizing properties of chemicals to create a finished product ready for consumer use. Today, The Hanson Group manufactures products for the sporting goods industry, military, aerospace, DIY, boating, automotive, mining and industrial markets. The Hanson Group owns [Aragon Elastomers](#) and [Visuron](#), which specialize in casting and coatings, respectively. The Hanson Group is known for its quick innovation and problem solving skills in material science and safety.

The Hanson Group follows our motto of "Good People – Great Science" in hiring the right employees that work well together, are technically competent and are customer focused to solving problems. We believe that there is a whole lot of success, opportunities and fun on the other side of "yes."

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