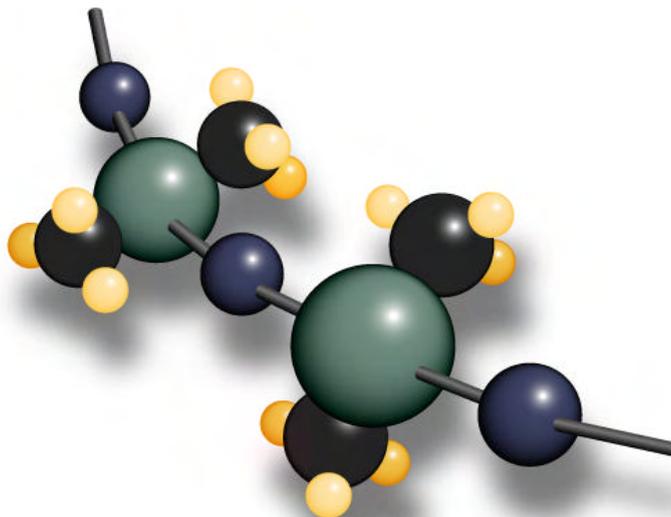


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## NUSIL TECHNOLOGY ADDS NEW TEMPORARY ADHESIVES TO DRUG DELIVERY SILICONE LINE

*DDR-1370, a traditional PSA, and DDR-4355, a high tack silicone gel, are latest additions to comprehensive line of Drug Delivery Silicones*

**Carpinteria, California** — NuSil Technology LLC, the global leader in silicone materials for the healthcare and pharmaceutical industries, has added two new transdermal adhesives to its comprehensive [Drug Delivery Silicone \(DDS\)](#) line of materials for drug delivery and combination medical devices. [DDR-1370](#) is a traditional pressure sensitive adhesive (PSA), and [DDR-4355](#) is a silicone gel with superior tack. Both the PSA and gel can be applied using coating processes, but represent two different options when selecting a temporary, transdermal adhesive.

DDR-1370 is a one-part, non-curing, traditional PSA dispersed in ethyl acetate. This material has a typical viscosity of 1,450 cP and, once coated onto a substrate, can be die cut into various shapes and sizes. DDR-1370 has high cohesive strength and high release force, resulting in favorable temporary adhesive properties.

DDR-4355 is a transparent, silicone tacky gel with a typical viscosity of approximately 15,000 cP. It cures at low temperatures to a soft, high-surface-tack, temporary silicone adhesive.



“With a PSA and a tacky gel available to the transdermal drug delivery market, we are striving to offer two great options for temporary adhesives,” said Brian Reilly, Product Director - Healthcare Materials. “They both lend themselves to be easily fabricated and they are well suited for coating processes.”

NuSil’s Drug Delivery Silicones can be customized for specific applications to control the release of a wide range of Active Pharmaceutical Ingredients (APIs). In addition, NuSil can compound APIs directly into silicones at its U.S. FDA registered, manufacturing facilities.

## **NuSil Technology Adds New Temporary Adhesives to Drug Delivery Silicone Line**

Regulatory support for DDR-1370 and DDR-4355 includes extensive physical, chemical and biological testing in the form of Drug Master Files (DMFs). A DMF for DDR-1370 and DDR-4355 is being filed with the U.S. Food and Drug Administration.

For more information, please contact NuSil, or visit [http://www.nusil.com/products/healthcare/drug\\_delivery](http://www.nusil.com/products/healthcare/drug_delivery)

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### **About NuSil Technology LLC**

NuSil is a leading formulator of silicone compounds for healthcare, aerospace, electronics and other applications requiring precise, predictable materials performance. ISO 9001 certified since 1994, NuSil operates state-of-the-art laboratories and processing facilities in North America and provides on-site, in-person application engineering support worldwide. More information about NuSil Technology can be found at <http://www.nusil.com>.