The following is a news release from Master Bond Inc. You have received it because you are listed as an editor for your publication.

Attached to this email is a low resolution version of the photograph that is included in the press kit for this product.

A high resolution version of this image and files with the body text of this release in Word, HTML and text formats are available at <https://www.masterbond.com/newsrelease/mastersil-323s-lo>.

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## FOR IMMEDIATE RELEASE

**Two Part, Silver Filled Silicone Adhesive Meets NASA Low Outgassing Specifications**

Master Bond MasterSil 323S-LO is an addition cured silicone that is not only electrically conductive, but also thermally conductive. This ASTM E-595 low outgassing rated product is designed for bonding applications where low stress is critical and is appropriate for use in vacuum environments. It can be utilized in the aerospace, electronic, opto-electronic, and specialty OEM industries.

MasterSil 323S-LO offers flexibility and toughness, with a Shore A hardness of 35 to 55, a low tensile modulus of less than 800 psi and an elongation of 50-100%, measured at 75°F. This enables it to withstand aggressive thermal cycling and mechanical shock, while offering a wide service temperature range from -80°F to +400°F [-62°C to +204°C]. MasterSil 323S-LO is a silver filled compound that has a volume resistivity of less than 0.003 ohm-cm and a thermal conductivity of 9-11 BTU•in/(ft²•hr•°F) [1.30-1.59 W/(m•K)] at room temperature. It bonds well to a wide variety of substrates, including metals, composites, glass, ceramics, rubbers as well as many types of plastics.

MasterSil 323S-LO has an easy to use 1:1 mix ratio by weight. The system features a paste consistency with minimal flow and does not rely on humidity access for curing. This formulation offers a variety of cure schedules at elevated temperatures, including 4 to 6 hours at 160-180°F, and 2 to 3 hours at 190-210°F. MasterSil 323S-LO is available for purchase in jars ranging from 20 gram kits to one pound kits.

**Master Bond Low Outgassing Silicone Systems**

Master Bond offers one and two component high performance silicone formulations that meet NASA ASTM E595 specifications. Specialty Master Bond low outgassing silicone systems are low stress systems which are employed in many sensitive optical, electro-optical, electronic and aerospace applications. Read more about Master Bond’s low outgassing silicones at <https://www.masterbond.com/products/silicone-compounds-meet-nasa-low-outgassing-specifications> or contact Tech Support. Phone: +1-201-343-8983 Fax: +1-201-343-2132 Email: [technical@masterbond.com](mailto:technical@masterbond.com).

Note to Editors:

For a full product description, please visit: <https://www.masterbond.com/tds/mastersil-323s-lo>

Check out new videos on our YouTube channel: <https://www.youtube.com/user/MasterBondVideo>

You can embed any of our videos on your website.

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