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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/supreme-121aond>.

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## FOR IMMEDIATE RELEASE

**Toughened, Non-Drip Epoxy Features High Glass Transition Temperature**

Master Bond Supreme 121AOND is a toughened epoxy system for bonding and sealing applications. It is a two component, heat curing system with a thixotropic paste consistency. Supreme 121AOND not only provides excellent chemical resistance, but also offers a high glass transition temperature (Tg) of 200-210°C. It meets NASA low outgassing specifications per ASTM E595 testing.

This epoxy has reliable electrical insulation properties with a volume resistivity exceeding 1014 ohm-cm at 75°F. It possesses high bond strength with a tensile strength of 6,000-7,000 psi and a tensile modulus of 750,000-850,000 psi, at room temperature. Supreme 121AOND retains its strength profile even at high temperatures with a tensile modulus of 650,000-750,000 psi at 300°F. Its thermal conductivity measures 4-5 BTU•in/(ft²•hr•°F) [0.58-0.72 W/(m•K)] and it offers a wide service temperature range from -80°F to +550°F [-62°C to 288°C].

Supreme 121AOND cures at elevated temperatures and has a long working life of 2-3 days. A typical cure schedule is 1-2 hours at 200-210°F followed by 3-4 hours at 250°F, and another 4-6 hours at 300°F. Additional post curing at 350-400°F for 2-4 hours will further enhance product properties. Although the cure schedule is not rapid, the key benefit conferred by this system is high structural strength even at elevated temperatures. The system bonds well to a wide variety of substrates including glass, fibers, metal, ceramics, rubbers and plastics. Part A is black, Part B is dark brown. It is available in standard packaging ranging from ½ pint kits to 5 gallon kits.

**Master Bond Toughened Epoxy Systems**

Master Bond offers an extensive range of flexibilized and toughened epoxies, silicones, and UV-curable compounds tailored to meet special application needs. These materials are engineered for exceptional performance in challenging environmental conditions, and across a wide temperature spectrum. Read more at <https://www.masterbond.com/properties/flexibilized-and-toughened-adhesive-systems> or contact technical support to discuss your application.

TECH SUPPORT

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Note to Editors:

For a full product description, please visit: <https://www.masterbond.com/newsrelease/supreme-121aond>

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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