



G6 Materials
TSXV: GGG OTCQB: GPHBF

NEWS RELEASE

G6 Materials Launches New Thermally Conductive Epoxy Product Line

The Company's Board of Directors has Also Approved a Stock Option Grant to Certain Officers, Directors, Consultants, Service Providers and Employees of the Organization

Ronkonkoma, New York, USA - TheNewswire – August 8, 2023 - G6 Materials Corp. ("G6" or the "Company") (TSXV: GGG, OTCQB: GPHBF), a high-tech company with expertise in advanced materials and developing innovative composites for a wide range of industrial uses, announces that it has launched a new thermally conductive G6-EPOXY® product line (the "**New Product Line**"). The first two products of the New Product Line are now available for purchase by consumers on the G6-EPOXY® website via the following link: <https://g6-epoxy.com/collections/thermally-conductive> and on the Graphene Supermarket website via the following link: <https://www.graphene-supermarket.com/collections/thermally-conductive>.

The first new product is named "G6E-TSHV" and is a high thermally conductive, non-electrically conductive epoxy, while the second new product is named "G6E-TSAL" and is a thermally conductive, non-electrically conductive, low viscosity epoxy. Both new products are available in various size formats.

The New Product Line expands G6-EPOXY®'s reach into a new area of the epoxy market. All of the research and development for the New Product Line was done internally by the Company, and seven more products are being prepared for launch in the near future.

Management Commentary

"We are excited to release this new line of products. We strive to develop new formulations to provide solutions for our customers and to address the problems that they face when working

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to develop advanced products and emerging technologies” said Daniel Stolyarov, the President, CTO and Co-CEO of the Company.

Epoxy Resins for Thermal Management

Epoxy resins play a vital role in thermal management due to their exceptional thermal conductivity and insulation properties. These versatile materials efficiently dissipate heat, making them essential in electronic devices, power modules, lithium battery heat management, and LED lighting applications. By efficiently transferring heat away from sensitive components, epoxy resins enhance the performance, reliability, and longevity of devices, ensuring they operate optimally even under challenging conditions. The growing demand for compact and high-powered electronics further highlights the significance of epoxy resins in addressing thermal challenges and promoting technological advancements.

G6-EPOXY® Resins

The Company’s G6-EPOXY® resins have a variety of uses that include bonding, sealing and coating. Particularly, they can be used when soldering is not practical or when soldering requires heating adhesive material. G6-EPOXY® resins have the following unique properties:

- The ability to work in broad temperature ranges, including reliability up to 600 degrees Fahrenheit;
- Reliable adhesion to a variety of materials including plastics, metals, glass, and ceramics;
- A reduction in overall density, weight and cost;
- The ability to resist moisture, solvents and oxidants with exceptional durability; and
- Do not require a heating oven during curing time and can be used in the bonding of sensitive components at room temperature.

More information about G6-EPOXY® can be found on the Company’s website: <https://g6-epoxy.com/>.

Stock Option Grant

The board of directors of G6 recently granted incentive stock options (the “**Options**”) to acquire an aggregate amount of 720,000 common shares (“**Common Shares**”) of the Company at an exercise price of \$0.16 per share, being equivalent to the closing price of the Company’s shares on the TSX Venture Exchange in August 8, 2023. Options to acquire 585,000 Common Shares were granted directly or indirectly to officers, directors, consultants, and service providers of



the Company. Options to acquire 135,000 Common Shares were granted to employees of the Company. The Options vest over the period of three years in four equal instalments as follows: 25% available upon grant, 25% on the first anniversary, 25% on the second anniversary, and 25% on the third anniversary and expire on August 8, 2028.

About G6 Materials Corp.

G6 Materials Corp. is a high-tech company with expertise in advanced materials that creates value developing innovative composites for a wide range of industrial uses. Graphene Laboratories Inc., a wholly owned subsidiary of G6, sells a range of graphene-based products and other materials, including but not limited to conductive epoxies, high-performance composites, and R&D materials, with numerous customers from among the Fortune 500 list of companies, as well as NASA and leading universities. Graphene Laboratories Inc. has entered the global air filtration market with Breathe⁺, a line of medical-grade HEPA air filtration products enhanced with advanced performance graphene material.

G6 has identified new graphene-based applications to accelerate growth into the future. Accordingly, the Company has a valuable IP portfolio currently comprising five granted patents. The Company's management team and employees have a deep understanding of graphene technology based on decades of aggregate academic and commercial experience. Graphene Laboratories Inc., a wholly owned subsidiary of G6 located in Ronkonkoma, New York, has established its premium research laboratory and scalable production facility equipped with advanced analytical and material processing equipment.

The Company's e-commerce websites are listed below:

- Breathe⁺: Medical-grade HEPA air filtration enhanced with advanced performance graphene material, for more information, visit www.breatheplus.tech
- Conductive Epoxies: Adhesive materials distributed under the G6-Epoxy™ trade name and can be purchased at www.g6-epoxy.com
- R&D Materials: Graphene Laboratories Inc. currently offers over 100 graphene and related products available at www.graphene-supermarket.com

Forward-Looking Information

This news release contains forward-looking statements within the meaning of the applicable securities legislation that is based on expectations, estimates and projections as at the date of this news release. By their nature, forward-looking statements involve known and unknown



risks, uncertainties and other factors which may cause actual results, performance or achievements, or other future events, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. "Forward-looking information" in this news release includes but is not limited to information about the graphene-enhanced air purifier (including efficacy, potential commercialization and patent pending thereof); information about the potential for the Company's long-term growth; the business goals and objectives of the Company, and other forward-looking information concerning the intentions, plans and future actions of the parties to the transactions described herein and the terms thereon.

The forward-looking information in this news release reflects the current expectations, assumptions and/or beliefs of the Company based on information currently available to the Company. Although the Company believes that the assumptions inherent in the forward-looking information are reasonable, forward-looking information is not a guarantee of future performance and accordingly undue reliance should not be put on such information due to the inherent uncertainty therein.

Risk factors that could cause actual results to differ materially include, but are not limited to, the risk that actual results in commercial applications of the graphene-enhanced air purifier may differ significantly from the Test Results; the Test Results may not be accepted by applicable regulatory agencies required to approve commercialization of the graphene-enhanced air purifier; the Company may not receive required approvals from regulatory agencies to commercialize the graphene-enhanced air purifier; the Company may not achieve further stages of commercialization of the graphene-enhanced air purifier as anticipated, or at all; the Company patent pending (US20210346831A1) may not be granted; the Company may not achieve anticipated commercial gains or profitability from the sale of Breathe+ Pro Advanced Antimicrobial Graphene Air Filtration System as currently anticipated, or at all; risks associated with adoption by industries of graphene-based products health and environmental factors affecting adoption of these technologies; the company may fail to obtain appropriate government approvals or accreditation related to the business' operations and technological processes; the market conditions and demand for its product as well as the market prices of such products being developed by the company may change over time; reliance on key personnel; the potential for conflicts of interest among certain officers, directors or promoters with certain other projects; competition; dilution; and the volatility of our common share price and volume.

The Company undertakes no obligation to revise or update any forward-looking information other than as required by law.



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Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

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ON BEHALF OF THE BOARD: Daniel Stolyarov, President, CTO & Co-CEO

For more information on G6 Materials Corp., please visit www.G6-Materials.com or its profile page on SEDAR at www.sedar.com.

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