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FOR IMMEDIATE RELEASE

For more editorial information, contact:
Alyssa Knightly, Program Manager
WARD HILL MARKETING, INC.
360 Merrimack Street, Bldg. 5, 3rd Floor
Lawrence, MA 01843 USA
TEL: +1 978-794-5441; FAX: +1 978-688-8418
EMAIL: aknightly@wardhillmarketing.com

**Norplex-Micarta's NP193 Series
Offers Superior Performance for Tough Environments**

POSTVILLE, IA – Norplex-Micarta, the leading manufacturer of high performance thermoset composites, announces the NP193 series of materials for applications requiring excellent dimensional stability, high wear resistance, and superior mechanical strength.

The NP193 series includes four grades, NP193E, NP193M, NP193P, and NP193PM; all are available in sheet form measuring 4' x 5', and up to 2" thick. Each grade features a proprietary blend of aramid fabric substrates impregnated with various resins:

- **NP193E** uses a high temperature epoxy resin for high wear resistance.
- **NP193M** uses a melamine resin, which makes it impervious to corrosives, such as anhydrous ammonia. It's the optimal replacement for asbestos in refrigeration compressors.
- **NP193P** combines a high temperature



phenolic resin system with woven aramid fiber/glass fabric for excellent mechanical strength.

- **NP193PM** combines high-temperature phenolic resin with aramid and “soft glass” fibers and a non-conducting solid lubricant. It has excellent mechanical strength at elevated temperatures and in adverse chemical environments, making it an ideal material for wear plates in conveyor systems, valve plates, and compressor and pump vanes. NP193PM has an ambient flexural strength of 45,000psi and a hot flexural strength of 33,000psi.

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About Norplex-Micarta

Norplex-Micarta is the leading manufacturer of high performance thermoset composites.

Norplex-Micarta’s vast product line serves power generation, military/aerospace, oil & gas, medical devices, electrical devices, electronics assembly, construction, heavy industry, and

transportation markets throughout Europe, Asia/Pacific, and The Americas. Norplex-Micarta is

located at 665 Lybrand Street, Postville, IA 52162; Tel: 563-864-7321; Fax: 563-864-4231; E-

mail: info@norplex-micarta.com; Web: www.norplex-micarta.com.

For more editorial information, contact:
Maura Gotha Pollister, Executive Vice President
WARD HILL MARKETING, INC.
360 Merrimack Street, Bldg. 5, 3rd Floor
Lawrence, MA 01843 USA
TEL: +1 978-794-5441; FAX: +1 978-688-8418
EMAIL: mgpollister@wardhillmarketing.com

For more technical information, contact:
Alan Johnson, Director of Business Development
NORPLEX-MICARTA
665 Lybrand Street
Postville, IA 52162 USA
TEL: +1 563-864-4275; FAX: +1 563-864-4231
EMAIL: ajohnson@norplex-micarta.com