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For Immediate Release

JJI Technologies announces that products using JJAZZ®, its non-halogen amino phosphate flame retardant additive, have passed the rigid ASTM E84 Class B Standard Test Method for Surface Burning Characteristics of Building Materials.

Independent, certified laboratory verifies that JJAZZ® Non-Halogen Flame Retardant exceeds criteria for stringent flame retardancy test.

Painesville, OH USA– JJI Technologies announces that a building product to be used in a public arena setting which incorporates JJAZZ® to achieve flame retardancy has passed the stringent ASTM E84 test achieving a Class B flame rating. The purpose of the test is to determine the comparative surface burning characteristics of the material by observing the flame spread along the specimen while measuring smoke density and temperature. The tested product, having been formulated with JJAZZ® flame retardant additive, exceeded standards for meeting the requirements for the ASTM E84 Class B Steiner Tunnel Test.

Through a variety of commercial programs, JJI Technologies continues to prove its ability to quickly solve complex performance hurdles when flame retardants and plastics are part of the equation. The company was founded upon an innovative, self-catalyzed intumescent flame retardant called JJAZZ®. Their continued novel approach to developing new products and formulations creates a commercial performance advantage that is unparalleled in the industry.

Their workhorse line of non-halogen flame retardants coined JJAZZ® flame retardants are fully recyclable and environmentally friendly. This non-halogen FR has been applauded by many as one of the best overall non-halogen flame retardants in existence today for polyolefins because it is self-catalyzed, easy to process and boasts a quick-deploying robust char formation. It has been used in plastics applications requiring some of the most demanding flame and smoke toxicity testing to date. The self-catalyzed technology embedded within the flame retardant enhances physical performance, increases extinguishing efficiency, and simplifies the compounding process.

The JJAZZ® flame retardant exhibits features such as non-toxic, low smoke density and minimal odor when exposed to flame. This is achieved by forming a robust char barrier that stops the flame from propagating to the polyolefin. “The superb and near instantaneous char formation of JJAZZ dissipates and deflects the flame away from the fuel source”, says Nick Zaksek, Applications Manager for JJI Technologies. Features such as a low specific gravity, lower loading levels, and non-blooming help to exemplify the overall cost savings and improved aesthetics that benefit the user. JJAZZ® is supplied in three tailored particle sizes including median sizes of 2.5 microns, 6 microns and 12 microns identified as JJAZZ SP1, SP2 and SP3 respectively, designed to fit a wide variety of user applications.

JJI Technologies is becoming the industry leader in high performance flame retardant additives. JJI bases its technology platform on developing innovative and novel non-halogen flame retardants and plastic additives. We are committed to protecting the environment by developing recyclable innovative Green Embedded Technologies that will replace materials which are currently being de-specified and/or regulated out of the world marketplace. Our products are based on emerging technology and are an important contribution to improving consumer safety while being environmentally friendly.

JJAZZ® meets or exceeds Restriction of Hazardous substances (RoHS) Directive, Waste Electrical Electronic Equipment (WEEE) Directive, The Canadian Challenge, and has been pre-screened for REACH compliancy. Conforming to these directives helps our customers to gain a competitive advantage in a marketplace that is continually increasing regulations based on cradle to cradle recycling initiatives and environmental concerns. JJAZZ® and other JJI products create a seamless interface between people, companies, technologies and material boundaries.

For more information, contact JJI Technologies, 1350 Bacon Road, Painesville, OH 44077. Call 440.354.3919, fax 440.354.9402, or visit www.jji-technologies.com.

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