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FACT SHEET

3M™ Novec™ Engineered Fluids

Preserving World's Largest Squid at Smithsonian's National Museum of Natural History

DESCRIPTION:

- 3M™ Novec™ 7100 Engineered Fluid is preserving a 330-pound, 24-foot long giant squid at the Smithsonian's National Museum of Natural History in the new Sant Ocean Hall exhibit.
- 3M donated 12,000 pounds or approximately 1,000 gallons of Novec fluid for the Sant Ocean Hall exhibit.
- 3M™ Novec™ Engineered Fluids are non-flammable, low in toxicity and have an excellent environmental profile. They are used for precision cleaning; heat transfer; and specialty chemical applications for semiconductor and electronics device manufacturing; specimen preservation; and medical device cleaning including orthopedic implants, needles and heart valves.
- All 3M™ Novec™ products are designed to address the need for safe, effective, sustainable solutions in industry-specific applications.
- 3M™ Novec™ Engineered Fluid preserves specimens, such as the giant squid, by forming an envelope or coating around the organism protecting it from deterioration.

BENEFITS:

Environmentally Strong Properties

- The fluid has zero ozone-depletion potential, short atmospheric lifetime, low global warming potential and low toxicity.

Worker Safety & Toxicity

- 3M™ Novec™ products have a high margin of safety in intended applications.

Non-flammable

- 3M™ Novec™ fluids are non-flammable and non-explosive - qualities that are well-suited for precision cleaning, heat transfer and tissue preservation. The fluid is clear and preserves the natural color of the specimen better than alcohol.

AVAILABILITY:

The Novec brand is the hallmark for a variety of patented 3M compounds. Although each has its own unique formula and performance properties, all Novec products are designed to address the need for safe, effective sustainable solutions in industry-specific applications. For more information, visit <http://www.3m.com/novec> or call 1-800-810-8513.

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