

DuPont Fire Extinguishants Fact Sheet for Museum Curators

Art is a society's way to communicate its culture to future generations. Therefore, a society must take every precaution in protecting its heritage. Priceless artifacts must be kept safe not only from theft and vandalism, but potential disasters that can happen at any given moment.

A fire in a museum is a disaster, causing the destruction of precious artifacts, paintings and sculptures. In many cases, the extinguishing agents are as destructive as the fire itself.

Fire extinguishing agents such as water and dry chemicals can cause additional permanent damage to artifacts. Water or chemical damage to paintings or artifacts can add up to millions of dollars in restoration costs or result in the total destruction of irreplaceable items.

When choosing a fire extinguishant system in a museum or library, curators must also consider the damage to priceless collections once the flames are put out.

Cost Effective, Clean and Safe

DuPont developed clean agent fire-extinguishants that are environmentally acceptable. Safe for people, electrically nonconductive, non-corrosive and free of residue, DuPont Fire Extinguishants clean agents can be used in new applications and replace other agents in existing systems with minimal modifications. They require less agent to exterminate a fire and are more cost effective than competitor's products by a ratio of two to one.

DuPont fire extinguishants have been trusted to protect some of America's most valuable artwork and historic sites.

DuPont™ FE-227™ -- FE-227 is the leading chemical agent replacement for other industry fire extinguishants. Designed to flood an enclosure, FE-227™ can be used where agents such as water, dry chemical, and carbon dioxide are unacceptable since they can present a safety risk to people and valuable property. FE-227™ is useful to extinguish fires in museums, historical sites and libraries where delicate or irreplaceable items are present.

DuPont™ FE-25™ -- Can replace other fire extinguishants in existing systems with minimal modifications, making it the most cost effective fire extinguishant for museums and libraries. Requiring less piping than sprinkler systems, FE-25™ preserves museum and historical space by avoiding unsightly and large installations. FE-25™ is an excellent choice for flood suppression where people are present.

DuPont™ FE-36™ -- In a portable fire extinguisher, FE-36™ is discharged as a stream of gas and liquid droplets that ceases the combustion process through heat absorption and chemical interactions. FE-36™ is also used in applications such as a small self-contained total flooding unit and is suited for precious item storage vaults as well.

Commitment to Safety

For over 200 years, safety has been a core value at DuPont. Through the miracles of science, we protect what matters most – people, assets and the environment. It is our goal to provide businesses with fire safety solutions – from fire extinguishants, to limited combustible cable. To learn more about DuPont fire safety solutions, visit: www.dupont.com.



The miracles of science™