

Minteq Pyrogenics Group



Firex™ coatings have provided fire and thermal protection for personnel and property for over 30 years.

Complying with stringent military and defense fire standards, Firex™ products have a proven track record and are optimized to provide the highest level of performance in rapid temperature rise fires, retaining strength, with excellent adhesion even in the harshest of environments such as cellulosic and hydrocarbon fires.

Firex™ fire protection coatings are ready for your application now!

CASE STUDY

Today's modern farming methods rely heavily on state-of-the-art farming vehicles and equipment designed to help farmers become more productive and profitable. Unfortunately, lives have been lost and crops destroyed because of fires caused by spontaneous combustion

During crop harvesting, cut particles can accumulate in areas close to the fuel tank. As these particles accumulate and become packed into tight areas, the temperature of the compacted material rises, and a chemical reaction occurs resulting in vapors that can sustain itself without oxygen. Once the vapors come in contact with air they can ignite causing catastrophic consequences.

The Challenge:

A major agricultural equipment manufacture faced the problem of how to eliminate the potential for spontaneous combustion fires, originating with their vehicle's fuel tanks.



The Results:

The agricultural equipment manufacture decided to spray Firex™ RX-2390 on the plastic fuel tanks since Firex™ products readily adhere to plastics and other substrates.

As the temperature of the compacted crop material rose, Firex™ RX-2390's intumescent properties released a cooling gas that prevented any further temperature rise and terminated the spontaneous combustion process.

Firex™ RX-2390 stops fires before they start.

**For Details or Samples
Call, FAX or Email**

Toll Free: 800-962-8586 FAX: 610-250-3325



MINTEQ