

# 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.



## CASE STUDY

Firex™ RX-2390 is used routinely to protect for the payload, fins and guiding vanes for the most successful and the most popular sounding rockets ever built, the Black Brant.

This solid propellant rocket system was developed by Magellan Aerospace and comes in single and multistage configurations that can

carry payloads of 70-850 kg to altitudes from 150 km to more than 1500 km.

The Black Brant has been repeatedly used by the Canadian Space Agency and NASA to carry scientific payloads into low earth trajectories.

The Black Brant offers an inexpensive experimental solution with experiments ranging from atmospheric studies of the upper atmosphere to gauge global warming, to exploration of sun spots, and even to identify the building blocks of life outside our galaxy.

NASA launches an average of 25 sounding rockets each year with a success rate of 99 percent.

Firex™ RX-2390 provides a stable surface during launch and re-entry and shields the various surfaces and the delicate payloads from temperatures that exceed 2000° C.

Firex™ RX-2390 has protected more than 1,000 Black Brants from the very beginnings of space exploration.

Aerospace and defense contractors know that using Firex products helps them offer their customers the most reliable and cost-effective solution for mission critical applications

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

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

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



**MiNTEQ**