



[www.MyBigNano.co.za](http://www.MyBigNano.co.za)  
**Product Brochure**



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## **About MyBigNano South Africa and our Products.**



**MyBigNano** South Africa was established in 2010 with the aim to bring Nanotechnology coatings to South Africa.

Our Company was the first company in South Africa to do so by signing an exclusive territorial distributorship agreement with Nano4Life EUROPE, the global leader in Nanotechnology Coatings with Distribution in over 30 Countries and counting.

On a National Level, we offer ALL of Nano4Life's Sector Specific range and have established a Provincial operators' system. We currently have Operators in 6 of South Africa's 9 Provinces.

Internationally, **MyBigNano** is also present in Australia, Zambia and Turkey under the same System.

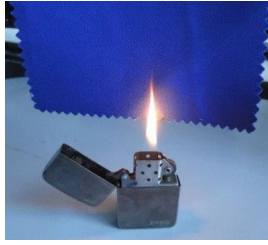


In another South African First, MyBigNano Brings to you FlameOFF, the ultimate solution in Fire Protection Technology for Textiles.

**ARE YOU PROTECTED?**  
PASSIVE FIRE PROTECTION SAVES LIVES  
**Inquire about MBN FlameOFF**



## MBN FlameOff Pyro 200 for Textiles



### Description:

FlameOff Pyro 200 is a new generation 'A' Grade (ITPA) water based Fire Retardant for Drapery and Textiles.

### Basis Of Operation:

When applied to a fabric, proprietary Pyro 200 crystals embeds itself within the fabric strands. When exposed to high heat caused by fire, these crystals then release Carbon Dioxide (Co<sub>2</sub>), essentially starving the fire of the Oxygen needed for the Combustion Process.

### Modern Textile FireProofing:

By Definition, textiles are flammable and always have been. Combine that with synthetic textiles that are fire prone, the demand for specially treated textiles has grown significantly. Whether it is concerned with the various electrical or electronics items in offices or dealing with highly flammable materials in other places including hotels, hospitals and even homes, the need for protective clothing is felt every where. The textile industry has found the solution by developing flame retardant finish for synthetic fibers like polyester fabrics, nylon fabrics, polypropylene fabrics etc. By applying flame retardants, fabrics are made flame resistant.

### Advantages of MBN FlameOff Pyro 200:

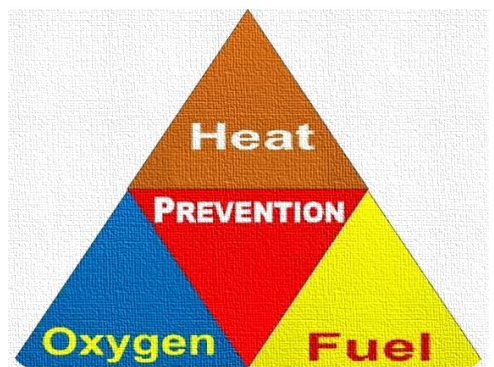
- ✓ Class 1 Product
- ✓ Rapid Acting and effective on Natural Fibers, Synthetic Fibers and Blended Fabrics.
- ✓ No Specialised equipment necessary.

### Applications:

- ✓ Curtains and Drapery.
- ✓ Temporary event fabric structures
- ✓ Bedding and Foam Mattresses.
- ✓ Carpets and Rugs
- ✓ Tents

### Application Procedure and consumption:

Spray onto fabric or Dip Fabric into MBN FlameOFF Pyro 200.





### **Consumption-The following consumption Rates are Applicable:**

✓ 1ℓ covers 3-5m<sup>2</sup> depending on the material and it's porosity,

### **Duration and Limitations:**

MBN FlameOFF Pyro 200 will work until fabric is washed or dry-cleaned. Reapplication is then necessary.

### **Safety:**

- Use only in well ventilated areas
- Wear gloves and face mask when applying
- Avoid contact with skin and eyes. Wash off any contact with water
- Keep container tightly closed
- Keep out of reach of children

As this this product is used outside of our control we cannot be responsible for any damages.

### **Package Handling and Storage:**

Shelf Life: 3 Months when kept in recommended storage conditions and original unopened containers.

Storage: Store indoors in a dry environment between 5°C - 35°C. Protect from freezing.

### **Packaging:**

FlameOFF Pyro 200 is available in containers of 20L, 10L and 5L



### **Application Service (optional):**

Don't want the hassle of buying the product and doing the application yourself, we can send out a crew to come and do it for you.

Price: Inquire for Quotation