



**TERMINATE**  
FIRE SAFETY SOLUTION PVT. LTD.



# **MATERIAL SAFETY DATA SHEET**

**TFO-TARMINATE FIRE OFF  
(Automatic Fire Balls)**

[www.terminatefire.com](http://www.terminatefire.com)

# MATERIAL SAFETY DATA SHEET

## TFO-TARMINATE FIRE OFF (Automatic Fire Balls)

### 1. IDENTIFICATION OF SUBSTANCE:

- ▶ **PRODUCT DETAILS:** AUTOMATIC FIRE EXTIN- GUISHER BALLS.
- ▶ **TRADE NAME:** TERMINATE FIRE OFF(TFO)
- ▶ **APPLICATION OF THE SUBSTANCE THE PREPARA- TION:** FIRE EXTINGUISHER BALLS.
- ▶ **MARKETED BY:** **TERMINATE FIRE SAFETY SOLUTION PVT.LTD**
- ▶ **MANUFACTURED BY:** **TERMINATE FIRE SAFETY SOLUTION PVT. LTD.**
- ▶ **INFORMING DEPARTMENT:** SAFETY

### 2. COMPOSITION /DATA ON COMPONENTS:

- ▶ **CUBE/BALL CONTAINER:** HIGH DENSITY EXPANDED HDP MATERIAL.
- ▶ **CHEMICAL CHARACTERIZATION:** UL LISTED MAP-90 / 50 DCP POWDER.
- ▶ **DESCRIPTION:** MIXTURE OF THE SUBSTANCE LISTED BELOW WITH HARMLESS ADDITIONS.
- ▶ **COMPONENTS:** ABC MULTI-PURPOSE DRY UL LISTED MAP 90 / 50 FIRE EXTINGUISHER POWDER.

### 3. FIRST AID MEASURES:

- ▶ **GENERAL INFORMATION:** NO SPECIAL MEASURES REQUIRED.
- ▶ **AFTER INHALATION:** SUPPLY FRESH AIR; CONSULT DOCTOR IN CASE OF SYMPTOMS.
- ▶ **AFTER SKIN CONTACT:** RINSE FRESH WATER, THE PRODUCT IS NOT SKIN IRRITATING
- ▶ **AFTER EYE CONTACT:** RINSE OPENED EYE FOR SEV- ERAL MINUTES UNDER RUNNING WATER.
- ▶ **AFTER SWALLOWING:** IN CASE OF PRESISTENT SYMPTOMS CONSULT DOCTOR.

### 4. ACCIDENTAL RELEASE MEASURES:

- ▶ **PERSON RELATED SAFETY PRECAUTIONS:** NOT RE-QUIRED.
- ▶ **MEASURES FOR ENVIRONMENT PROTECTION:** NOT REQUIRED.
- ▶ **ADDITIONAL INFORMATION:** NO DANGEROUS MATERIAL ARE RELEASED.

### 5. PHYSICAL AND CHEMICAL PROPERTIES:

- ▶ **GENERAL INFORMATION**
- ▶ **FORM:** SOLID
- ▶ **COLOUR:** ACCORDING TO PROTECT SPECIFICATION/ POWDER COLOUR IS PALE YELLOW.
- ▶ **SMELL:** POWDER, CHARACTERISTIC CHANGE IN CONDITION
- ▶ **MELTING POINT/MELTING RANGE:** CUBE CON- TAINER OVER 75C, EXTINGUISHER POWDER: NOT DETERMINED.
- ▶ **FLASH POINT:** NOT APPLICABLE
- ▶ **SELF-INFLAMMABILITY:** PRODUCT IS NOT SELF-IG- NITING.
- ▶ **DANGER OF EXPLOSION:** EXPLOSIVE WHEN TOUCH THE FIRE BUT HARMLESS.
- ▶ **SOLUBILITY IN/MISCIBILITY WITH WATER:** UNSOL- UBLE

## 6. STABILITY AND REACTIVITY:

- ▶ **THERMAL DECOMPOSITION/CONDITION TO BE AVOIDED:** UNDER 80 CONDITIONS.
- ▶ **DANGEROUS REACTIONS:** NO DANGEROUS REACTION KNOWN.
- ▶ **DANGEROUS PRODUCTS OF COMPOSITION:** NO DANGEROUS DECOMPOSITION PRODUCTS KNOWN.

## 7. TOXICOLOGICAL INFORMATION:

- ▶ **ACUTE TOXICITY:** NON TOXIC.
- ▶ **PRIMARY IRRITANT EFFECT:** NO IRRITANT EFFECT.
- ▶ **ON THE SKIN:** NO IRRITANT EFFECT.
- ▶ **ON THE EYE:** NO IRRITANT EFFECT.
- ▶ **SENSITIZATION:** NO SENSITIZING EFFECT KNOWN.
- ▶ **ADDITIONAL TOXICOLOGICAL INFORMATION:** THE EXTINGUISHING POWDER SAMPLE WAS ANALYZED BY LABORATORY
- ▶ **REFERENCE DATA: TESTING METHOD:** BY NTH.
- ▶ **TESTING RESULT:** APPEARANCE; LIGHT YELLOW POWDER

## 8. DISPOSAL CONSIDERATIONS:

- ▶ **PRODUCTS:** UL LISTED MAP 90 / 50 FIRE EXTINGUISHER POW-DER.
- ▶ **RECOMMENDATION:** CONTACT WASTE PROCESSORS FOR RECYLING INFORMATION.
- ▶ **RECOMMENDATION:** DISPOSAL MUST BE MADE ACCORD ING TO OFFICIAL

## 9. TRANSPORT INFORMATION:

- ▶ **NO. :** HAZARDOUS PRODUCT.
- ▶ **LAND TRANSPORT ADR/RID AND GGVS/GGVE(CROSS-BOR-DER/DOMESTIC) ADR/RID- GGVS/E.**

## 10.REGULATORY INFORMATION:

- ▶ DESIGNATION ACCORDING TO EC GUIDELINES.
- ▶ WATER HAZARD CLASS: GENERALLY,
- ▶ NOT HAZARDOUS FOR WATER.

### CONTACT DETAILS:

**ADDRESS** : Plot No 21 Rameshwar Colony, Near Nurani Colony, Jamkhed,  
Tal. Jamkhed, Dist. Ahmednagar, Pin Code - 413201

**CONTACT** : +91 74997 41916 / +91 90215 70563 / +91 99238 68690

**WEBSITE** : [www.terminatefire.com](http://www.terminatefire.com)

**EMAIL** : terminatefire@gmail.com, sale.terminatefire01@gmail.com

# TFO-TERMINATE FIRE OFF

IS AN AUTOMATIC, 4 SENSOR & PORTABLE FIRE EXTINGUISHER, WHICH ACTS IMMEDIATELY WITHIN 3 TO 10 SECONDS IN FIRE EMERGENCIES.

## SALIENT FEATURES

- ▶ 4 SENSOR AUTOMATIC ACTIVATION .
- ▶ LIGHT IN WEIGHT
- ▶ COMPACT IN SIZE
- ▶ MOBILE
- ▶ EXTREMELY EASY TO USE
- ▶ NEGLIGIBLE INSTALLATION
- ▶ NON TOXIC
- ▶ LIGHTNING FAST IN OPERATION
- ▶ NON HAZARDOUS
- ▶ BIO-DEGRADABLE
- ▶ OZONE FRIENDLY
- ▶ RESIDUALS 100% RECYCLABLE
- ▶ 0% FALSE ALARM
- ▶ ELECTRICALLY NON CONDUCTIVE
- ▶ GIVES AN ALARM ALERTING YOU OF DANGER
- ▶ LOW CLEAN UP REQUIRED
- ▶ NOT HARMFUL TO HUMANS, ANIMALS & ENVIRONMENT
- ▶ WORKS ON MOST TYPES OF FIRES (ABC)
- ▶ WORKS ON FIRES INSIDE AND OUTSIDE
- ▶ NO WIRING AND DUCTING REQUIRED
- ▶ DESIGNED TO WORK AUTOMATICALLY AND MANUALLY
- ▶ NO MAINTENANCE REQUIRED
- ▶ ANY AGE GROUP CAN ACTIVATE
- ▶ 5 YEARS WARRANTY
- ▶ APPROVED BY GOVERNMENT OF INDIA
- ▶ WITH ALL REQUIRED CERTIFICATES
- ▶ 100% MADE IN INDIA PRODUCTS



# DO NOT LET THE FIRE GET OUT OF CONTROL

## INSTALLATION, APPLICATION & DIRECTION FOR USE

THE **TFO (TERMINATE FIRE OFF)** IS A FIRE PREVENTION APPARATUS AND IS MEANT TO BE USED ALONG WITH YOUR EXISTING FIRE EXTINGUISHERS AND NOT RE-PLACE THEM. NEVER TRY TO EXTINGUISH FIRE YOURSELF. ALWAYS PUT YOUR- SELF AND OTHERS IN SAFETY BY ALSO CALLING YOUR LOCAL EMERGENCY SER-VICE/NATIONAL ALARM NUMBERS DURING AN OUTBREAK OF FIRE.

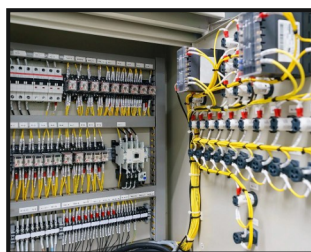
**TFO** IS DESIGNED TO BE USED AUTOMATICALLY AS WELL AS MANUALLY FOR FIRES BOTH INSIDE AND OUTSIDE AND ON ALL TYPES OF FIRES AS IT IS ELECTRI- CALLY NON-CONDUSCTIVE. INSTALLING **TFO FIRE BALLS** IS VERY SIMPLE. PLACE **TFO FIRE BALL** IN AREA WHICH ARE PRONE TO CATCH FIRE. AS THE PRODUCT IS SELF-ACTIVATING, IT IS EXTREMELY SUITABLE FOR IMMEDIATELY FIGHTING FIRES THAT START IN UNGUARDED AREAS.

THE **TFO FIRE BALLS** CAN ALSO BE USED PASSIVELY BY MOUNTING IT IN STRATEGIC POINTS WHICH ACTIVES AUTOMATICALLY WHENEVER A FIRE STARTS. THE **TFO FIRE BALLS** CAN ALSO BE USED ACTIVELY BY MANUALLY ROLLING OR THROWING THIS PRODUCT IN THE HEART OF THE FIRE WHEN IT OCCURS.

## PLACES WHERE CAN USE:



CAR ENGINE



ELECTRIC PANEL



PETROL PUMP



HOSPITAL



SCHOOL



FACTORY



KITCHEN



SHOPING MALL

# APPROVED BY: -

Tested by- **NTH** (Government Of India)

Tested by- Fire Taste And Research Laboratory.

**NABL Accredited**



CE/010595/0519



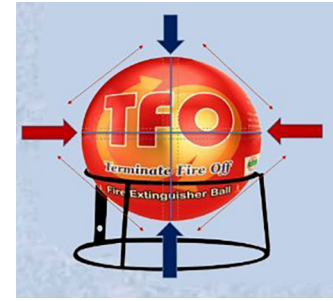
APPROVED BY:



(Accredited powder)

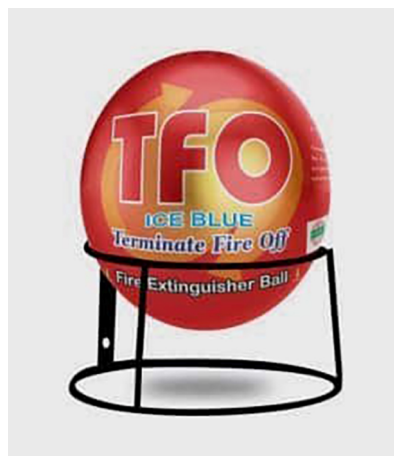


# Why TFO Only:



## INDIA'S FIRST 4 SENSOR DEVICE

- IT HAS 3-8 SECOND ACTIVATION TIME
- LOW PROBABILITY OF REIGNITION
- CUTTING OXYGEN AND BLANKETING METHOD
- NO TRAINING REQUIRED FOR THE PRODUCT USAGE
- EASY MOBILITY
- PRODUCT WEIGHT 1.2kg
- FAST REACTION
- NO MALFUNCTION
- HARMLESS TO ENVIRONMENT
- AUTOMATIC AND MANUAL USAGE
- WARNING SIGNAL AT INITIAL LEVEL
- MINIMUM COST AND INSTALLATION TIME



# COMPARISON BETWEEN TFO AND IMPORTED FIRE BALL.

Features	TFO	Imported Fire Ball
<b>EXTINGUISHING AGENT QUALITY</b>	Map 90 / 50 UL Listed (World's Best Class)	Low Class Powder Which Does Not Has Certification Details.
<b>SHELF LIFE OR WARRANTY</b>	5 Years	No Warranty
<b>CERTIFICATIONS</b>	<b>TESTED BY-NTH-GOV. OF INDIA TESTED BY-FIRE TEST AND RESEARCH LABORATORY NABL Accredited (ISO), CE, UASL, QUALITY WARRANTY, QUALITY CONTROL, ECO, QCAS, OHSAS</b>	No Certification From Authorized Lab.
<b>MANUFACTURING LOCATION</b>	Made In India	Mostly From China
<b>DISTRIBUTION NETWORK</b>	Strong, Distributor's And Dealer's Network On Pan India Level	No teamwork No ethics
<b>ENVIRONMENT SUPPORT</b>	Eco Friendly Powder, non-toxic, harmless, bio - degradable	No environment support with powder properties
<b>MULTIPLE SENSORS</b>	In Our Product There are 6 Sensors has been used.	Only One sensor
<b>BACKUP TEAM FOR CUS- TOMER SUPPORT</b>	Qualified team with sales and support over pan India level with corporate office	No team work No ethics

# COMPARISON BETWEEN MANUAL CYLINDER AND TFO FIRE BALL.

ISSUES	TFO Automatic Fire Extinguisher Ball.	Manual Fire Extinguisher Cylinder
<b>FAILIURE CHANCE</b>	Failure Chnces Are Nil As It Is A Maintenance Free Device	If Not Used for Long Time Likely to Get Rusted and Sometimes Nozzles Etc. Gets Chocked And Fail To Operate During Emergencies
<b>ENVIRONMENT CONCERN</b>	It Is Free Of CFC As Made From MONO AMONIUM PHOSPHATE(MAP) Dry Chemical Powder Which Are Non-Toxic And Eco Friendly	Most Are Made From CFC Dry And Other Material Which Are Of Toxic Nature
<b>SKILL REQUIRED FOR THE OPERATORS</b>	Anybody Can Operate the Same It Just Needs To Be Tossed/Rolled In Fire	Un-Skilled Men, Women, Children And Elderly The Person Can't Operate
<b>AFTER AFFECTS</b>	Does Not Damage Nearby Properties	Causes Damage To Nearby Properties
<b>POSSIBILITY OF THEFT</b>	No Question Of Theft As It Does Not Have Any Scrap Value	Because Of Scrape Value Possibility Of Theft is There
<b>WEIGHT</b>	1.3kg	Domestic 2-7kg Industrial 5-9kg
<b>FIRE CLASSIFICATION</b>	Same Caters Class A, B, C, E Fires	Extinguishers Are Selected As Per Class Of Fire

# **TFO FIRE BALL 1.3KG (SPECIFICATION)**

- Weight: 1.3 kg
- Activation time: 3 to 5 second (maximum 10 sec)
- Coverage area : 3 to 5 Cubic meter square feet.
- HDPE BODY
- Diameter: 144 mm
- Loud noise: 110 Decibels
- Shape: Round
- THARMACOL
- Diameter: 150 mm
- Loud noise: 110 Decibels
- Multiple Sensors/4 SENSOR
- 100 % eco-friendly
- Harmless to the environment as well as Human

# **CERTIFICATES WE ARE PROVIDING: -**

- **CE**
- **ISO 9001-2015**
- **ISO 14001-2015**
- **UASL**
- **QUALITY WARRANTY**
- **QUALITY CONTROL**
- **ECO**
- **QCAS**
- **OHSAS**
- **NABL Accredited**
- **NTH (GOV OF INDIA)**
- **ISI MARK APPROVED POWDER**



**TFO - 1300 Red**



**TERMINATE**  
FIRE SAFETY SOLUTIONS PVT. LTD.

**FIRE EXTINGUISHER BALL**  
AN INNOVATION THAT DEFENDS YOU AGAINST DANGER

  
Non Toxic  
to humans

  
Service Free &  
5 Yrs Warranty

  
Tested &  
Certified

  
Compact &  
Lightweight

  
Easy to  
Operate



Manufacturer -  
**TERMINATE FIRE  
SAFETY SOLUTION PVT. LTD.**  
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[www.terminatefire.com](http://www.terminatefire.com)

APPROVED BY: -  
Tested by- NTH (Government Of India)  
Tested by- Fire Taste And Research Laboratory,  
NABL Accredited

APPROVED BY:



A PRODUCT BY  
**TERMINATE**  
FIRE SAFETY SOLUTION

An innovation that defends you against danger

APPROVED BY: - NTH (Government of India)  
FTRL, NABL Accredited Lab

  
Non Toxic  
to humans

  
Service Free &  
5 Yrs Warranty

  
Tested &  
Certified

  
Compact &  
Lightweight

  
Easy to  
Operate

**TFB - 1300 Plus**



**TERMINATE FIRE SAFETY SOLUTION**  
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APPROVED BY:



**TERMINATE**  
FIRE SAFETY SOLUTION

  
Non Toxic  
to humans

  
Service free &  
5 Yrs Warranty

  
Tested &  
Certified

  
Compact &  
Lightweight

  
Easy to  
Operate








**TFO - 1300 Ice Blue**

APPROVED BY:



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