
TEC Powder for Class D (Metal) Fire

Description

- IFP FIREKILL-M Powder is a specially formulated highly efficient dry chemical powder based different metal salts. This powder is called TEC (Ternary Eutectic Chloride) Powder.
- It is one of the most effective agents against D-Class fires/ Metal fires.
- It should not be used alongwith foam or other powder and can not be used in twin application.

Application

Dry powder should be dispensed off gently on the burning surface at low pressure with the help of diffuser. High pressure may splash the burning metal and the fire may start at other place.

IFP FIREKILL-M powder should be applied gently, through fire extinguisher or through any automatic powder dispensing systems. Dry powder can also be applied manually on the burning metal with the help of a scoop, a shovel or a plastic bag. Care should be taken to cover the surface completely. The covered surface should be left undisturbed for at least 30 to 45 minutes.

Toxicity

It is non toxic and harmless to human and animal bodies. Extensive tests have indicated that in normal application no detrimental effect will be experienced.

Storage and Shelf Life

IFP FIREKILL-M is formulated for not being affected by long term storage; it may last up to three years without losing its typical characteristics. It is highly recommended to store in temperature <math><50^{\circ}\text{C}</math> dry places (< 75% relative humidity), avoid sudden weather conditions changes, do not stack the pallets, handle the packages with care and maintain the product in its original, tight sealed packaging until use. The container should be protected from direct sunlight & moisture. IFP FIREKILL-M Powder should be disposed off as per the local regulations.

Standards

IS 4308 : 2019

Standard Packing

Standard packing are in 4 /6 /10 kgs./25 kgs./50 kgs. (net wt) hermetically sealed polyethylene bags. For safe transportation these bags may be packed in High Density Polythene Drums of suitable sizes if required by Customer.

Physical and Chemical Properties

Properties

Appearance

Colour

Apparent Density, gm/ml

Moisture Content, Max.

Water Repellency, Min.

Fluidity, gm/sec, Min.

Specifications

Free Flowing Powder

Off white

0.98 – 1.02 gm./cc

0.5%

< 2%

50

Ordering Information

Part Number	Description	Volume, m ³ (ft ³)	Weight (kg)
201040-01	Polythene bag of 25 kg	--	25
201040-02	Pail/Can of 25 kg	--	26.2
201040-03	Polythene bag of 50 kg		50

Due to continuous R&D work, effects of product improvements are incorporated as & when required

Contacts in Emergency : +919903914042

Integrated Fire Protection Pvt. Ltd.

60A, Pandit Madan Mohan Malabya Sarani, Kolkata - 700 020 INDIA
Phone : (91) (33) 2454-1061, 2475-5634, Fax : (91) (33) 2476-1107
E-mail : info@integratedfire.net
www.integratedfire.net