

APPLICATION

Williams PKW ('Purple-K') may be used to combat fires in flammable liquids, gases and greases (Class B) including such fires when involved with energized electrical equipment (Class C). It is commonly used in conjunction with the Williams Firefighting Hydro Chemical Nozzle in the Petro-Chemical Industry.

DESCRIPTION

PKW is one of the most effective dry chemicals against Class B fires. It is a potassium bicarbonate based dry chemical containing chemical additives, and is produced by an exclusive Ansul chemical process. The resultant agent is free-flowing, water repellent, non-abrasive and when used as a fire extinguishing agent will produce no toxic effects. PKW is specially formulated to produce a highly-visible dark violet stream while being discharged in tandem with water. This assists the firefighter in more precisely directing a dual agent stream.

Post fire cleanup of PKW can be readily accomplished using a vacuum cleaner or a broom and dust pan.

EXTINGUISHING AGENT DATA SHEET

PERFORMANCE

PKW is extremely effective against Class B fires, and has been shown to be at least 4 to 5 times as effective in extinguisher applications as carbon dioxide, and more than twice as effective as sodium bicarbonate based extinguishants. Various extinguishers will operate at temperatures as low as -65 °F and as high as 120 °F (-54 °C and 49 °C).

Caution: Never mix PKW with phosphate based dry chemicals. A chemical reaction that is harmful to the extinguisher will take place.

ORDERING INFORMATION

PKW is available in fifty pound pails (Part No. 423650). Refill services are available from your local Ansul distributor.

Williams PKW (Purple-K) DRY CHEMICAL

APPROVALS AND LISTINGS

Internationally recognized testing laboratories grant an approval or listing for the combination of an extinguisher and its agent. PKW meets specifications of agencies of the U.S. and Canadian governments.

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