

GENERAL INSTRUCTIONS FOR USE **(Handheld Portable Extinguisher Application)**

FLAMMABLE METALS

- ◆ These general instructions are applicable to all flammable metals. Some metals like magnesium and zircaloy will extinguish faster than others (in seconds) and may not display the same chemical reaction as Lithium or Sodium metals.
 1. Apply product over all flammable metal surface until all surfaces are completely covered. The top surface of the metal should be covered completely making sure to avoid spilling over the holding pan whenever possible; then stop the active spraying to allow for the first phase and second phase chemical reaction to complete
 2. In the initial chemical reaction phase, specially if the metals are either Lithium or Sodium, there will be a period where the reaction phase will produce vented flickering flames, quickly reducing in intensity while dotting across the surface area. The venting will generally end at the area, which received the least coverage if this actually occurs.
 3. The third phase produce very small candle-like flames dancing over the foam surface until gasses are exhausted. This will manifest with most class D flammables
 4. Continue to apply evenly over the total surface of the flammable metal using short bursts until the flames disappear and the flammable metal changes color from flaming red to black signifying extinguishment
 5. If the metals are of low volatility such as magnesium, aluminum, zircaloy, etc., the metals will turn black from white-hot/red signifying an end to the flammable stage.

- ◆ **Please Note:** FireStopper® recommends that the professional intending to extinguish flammable metals for the first time review all applicable videos available at our website: www.firestopperus.com