

A FORMULA FOR DISASTER

Heat + Fuel + Air (Oxygen) = Fire

The fire service wants the public to be aware of the fire hazards of heat sources that exist in their homes and the preventative actions they can take to avoid fires.

When heat from a heat source listed below comes in contact with or close enough to materials that can burn, fire usually erupts. Some typical examples are shown below:

A FORMULA FOR DISASTER HEAT + FUEL + AIR (OXYGEN) -> FIRE

| HEAT | + FUEL | = FIRE |
|--|--|--------|
| Hot burner on stove top | Cooking oil in a pot/pan (overheat) | = FIRE |
| Hot embers from fireplace | Carpet | = FIRE |
| Furnace/water heater | Old newspapers (stacked nearby) | = FIRE |
| Furnace/water heater | Paint thinner (used for cleaning brushes in basement) | = FIRE |
| Space heater | Long night wear (of child standing close by) | = FIRE |
| Cigarette lighter (used as toy by child) | Carpet/clothing/bedding | = FIRE |
| Lit cigarette butt | Upholstered furniture/bedding (smoker is asleep) | = FIRE |
| Too many appliances plugged into one outlet (overheat) | Insulation on electrical wiring or nearby combustibles | = FIRE |
| Lit candle toppled by child/pet | Table decorations or carpet | = FIRE |
| Light bulb (in clothes closet) | Clothes (touching light bulb left "on") | = FIRE |
| Clothes dryer | Lint (clogged lint trap) | = FIRE |