



**PRECISION  
EXPLOSIVES**

## Using the FOX Box

**PRE-EXP.COM**





The FOX Box is a fuel and oxidizer kit used to create odors associated with binary HME compounds.

The box is organized with color and numerical labels for each element. The system allows the user to quickly create compound odors associated with known terror events and present threats.

Additionally, as new threats emerge the user can quickly replicate the emerging threat.

# How it Works: Color Coding and Numerical System

## Oxidizers:

The oxidizers are identified by a black label.

The different oxidizers have numbers:

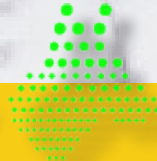
1. Hydrogen Peroxide (Black 1)
2. Potassium Chlorate (Black 2)
3. Ammonia Nitrate (Black 3)

## Fuels:

The fuels are color coded according to their use with the oxidizer to create the HME.

Fuels associated with hydrogen peroxide have a green label. Fuels with potassium chlorate have blue label, fuels with ammonia nitrate have a red label.

The fuels are further labeled with numbers to easily identify the respective fuel.



**1**

**Hydrogen Peroxide**

**2**

**Potassium Chlorate**

**3**

**Ammonium Nitrate**

**1**

**Cumin**

**2**

**Black Pepper**

**3**

**Coffee**

**4**

**Tang (Drink Powder)**

**1**

**Automatic Transmission Fluid**

**2**

**Corn Oil**

**3**

**Petroleum Jelly**

**1**

**Aluminum Powder**

**2**

**Kerosene**

**3**

**Nitromethane**

**4**

**Icing Sugar**

# ORGINIZATION GUIDE

## Principles of Oxidizer Organization:

The oxidizers are numbered based on their respective levels of oxidization.

Hydrogen peroxide is the most reactive oxidizer. Hydrogen peroxide is black 1.

Potassium chlorate is less reactive than Hydrogen peroxide but more reactive than ammonia nitrate. Potassium Chlorate is black 2.

Ammonia nitrate is the least reactive oxidizer and is black 3.



Hydrogen Peroxide (Black 1)

Green Fuels

1

Hydrogen Peroxide

1

Cumin

2

Black Pepper

3

Coffee

4

Tang (Drink Powder)

Potassium Chlorate (Black 2)

Blue Fuels

2

Potassium Chlorate

1

Automatic Transmission Fluid

2

Corn Oil

3

Petroleum Jelly

Ammonia Nitrate (Black 3)

Red Fuels

3

Ammonium Nitrate

1

Aluminum Powder

2

Kerosene

3

Nitromethane

4

Icing Sugar

However, all of the fuels (green, blue, red) listed can be used with Hydrogen peroxide. Potassium chlorate with all blue and red fuels but not green fuels. Ammonia nitrate can only be used with red fuels.

# MATCH OXIDIZER TO FUELS

<b>HME</b>	<b>Use this combination in MODD</b>
Tannerite -- exploding targets	Black 3 + Green 1
ANIS	Black 3 + Green 4
ANFO	Black 3 + Green 2 or Green 3
ANFO	Black 3 + Red 1
	Black 3 + Red 2
Flash powder	Black 2 + Green 1
Flash powder	Black 2 + Green 1 + Red 4
Inspire #13 design	Black 2 + Blue 1
	Black 2 + Red 2
	Black 2 + Red 1
Hydrogen peroxide organic matter	Black 1 + Blue 4
	Black 3 + Green 3 + Green 1

Now add your desired combination of odors to the MODD

**CREATE YOUR OWN ODOR COMPOUNDS**



Incident	Explosives	Notes
Korean Air 858, 1987	350g C-4, 700ml of PLX	Picatinny Liquid Explosive is <b>nitromethane</b> and an amine such <b>ethylene diamine</b> Most amines can pose a significant health risk to dogs and is not included in our kit Unknown whether it has been used. Tested and proven viable by many organizations
Inspire #13	<b>Potassium chlorate / black seed cummin</b> HMTD, concentrated hydrogen peroxide /	HMTD was to be used as the detonator with a fuel / oxidizer mixture of <b>Tang / concentrated hydrogen peroxide</b>
Tang / Peroxide conspiracy, 2006 Provisional Irish Republican Army bombing in 1990's and 2009	Tang Ground ammonium nitrate / icing sugar or custard	<b>Ammonium nitrate</b> and <b>icing sugar</b> mixtures of at least 1,000lbs were used by the PIRA in at least 3 bombings in the 1990's. A 600lbs device using the same mixture was used in 2009. <b>Ammonium nitrate / aluminum powder</b> is used extensively in Afghanistan. It is also widely used as an "exploding target" for shooting enthusiasts. A popular name brand is Tannerite
Afghanistan	Ammonium nitrate / aluminum powder	<b>Potassium chlorate / aluminum powder / sulfur</b> or <b>Potassium chlorate / aluminum powder</b> and other substitute ingredients
Bali bombing, 2002	1,125kg Flash powder, 25kg TNT, PETN det	include potassium perchlorate and magnesium powder ANFO can be comprised of <b>ammonium nitrate</b> and any of the following fuels: <b>kerosene, nitromethane, transmission fluid, camp fuel, crude oil, diesel fuel, gasoline, heating oil, jet fuel, machine oils, mineral oil, motor oil, naphtha, white gas</b>
Oklahoma City, 1993; England; Columbia; Spain; Israel	Ammonium nitrate fuel oil (ANFO)	Concentrated <b>hydrogen peroxide</b> mixed with organic matter (HPOM) produces powerful explosives. Some organic fuels could include: <b>sugar, black pepper, cummin, coffee, Tang, nitromethane</b> , various concentrated alcohols, cigarettes, ground cloves, flour, honey, glycerin, corn starch, and more
London aircraft plot, 2005	Concentrated Hydrogen peroxide / Tang	
Afghanistan, 2011	<b>Potassium chlorate / corn oil</b> <b>Potassium chlorate / transmission fluid</b> <b>Ammonium nitrate / transmission fluid</b>	

**Real life events that you can recreate with  
your MODD and FOX Box**