

## ATF LIST OF EXPLOSIVE MATERIALS

### A

Acetylides of heavy metals.  
Aluminum containing polymeric propellant.  
Aluminum ophorite explosive.  
Amatex.  
Amatol.  
Ammonal.  
Ammonium nitrate explosive mixtures (cap sensitive).  
\*Ammonium nitrate explosive mixtures (non cap sensitive).  
Aromatic nitro-compound explosive mixtures.  
Ammonium perchlorate having particle size less than 15 microns.  
Ammonium perchlorate composite propellant.  
Ammonium picrate [picrate of ammonia, Explosive D].  
Ammonium salt lattice with isomorphously substituted inorganic salts.  
\*ANFO [ammonium nitrate-fuel oil].

### B

Baratol.  
Baronol.  
BEAF [1, 2-bis (2, 2-difluoro-2-nitroacetoxyethane)].  
Black powder.  
Black powder based explosive mixtures.  
\*Blasting agents, nitro-carbo-nitrates, including non cap sensitive slurry and water-gel explosives.  
Blasting caps.  
Blasting gelatin.  
Blasting powder.  
BTNEC [bis (trinitroethyl) carbonate].  
BTNEN [bis (trinitroethyl) nitramine].  
BTTN [1,2,4 butanetriol trinitrate].  
Butyl tetryl.

### C

Calcium nitrate explosive mixture.  
Cellulose hexanitrate explosive mixture.  
Chlorate explosive mixtures.  
Composition A and variations.  
Composition B and variations.  
Composition C and variations.  
Copper acetylide.  
Cyanuric triazide.  
Cyclotrimethylenetrinitramine [RDX].  
Cyclotetramethylenetetranitramine [HMX].  
Cyclonite [RDX].  
Cyclotol.

### D

DATB [diaminotrinitrobenzene].  
DDNP [diazodinitrophenol].

DEGDN [diethyleneglycol dinitrate].  
Detonating cord.  
Detonators.  
Dimethylol dimethyl methane dinitrate composition.  
Dinitroethyleneurea.  
Dinitroglycerine [glycerol dinitrate].  
Dinitrophenol.  
Dinitrophenolates.  
Dinitrophenyl hydrazine.  
Dinitroresorcinol.  
Dinitrotoluene-sodium nitrate explosive mixtures.  
DIPAM.  
Dipicryl sulfone.  
Dipicrylamine.  
DNDP [dinitropentano nitrile].  
DNPA [2,2-dinitropropyl acrylate].  
Dynamite.

E

EDDN [ethylene diamine dinitrate].  
EDNA.  
Ednatol.  
EDNP [ethyl 4,4-dinitropentanoate].  
Erythritol tetranitrate explosives.  
Esters of nitro-substituted alcohols.  
EGDN [ethylene glycol dinitrate].  
Ethyl-tetryl.  
Explosive conitrates.  
Explosive gelatins.  
Explosive mixtures containing oxygen releasing  
inorganic salts and hydrocarbons.  
Explosive mixtures containing oxygen releasing  
inorganic salts and nitro bodies.  
Explosive mixtures containing oxygen releasing  
inorganic salts and water insoluble fuels.  
Explosive mixtures containing oxygen releasing  
inorganic salts and water soluble fuels.  
Explosive mixtures containing sensitized  
nitromethane.  
Explosive mixtures containing tetranitromethane  
(nitroform).  
Explosive nitro compounds of aromatic  
hydrocarbons.  
Explosive organic nitrate mixtures.  
Explosive liquids.  
Explosive powders.

F

Fulminate of mercury.  
Fulminate of silver.  
Fulminating gold.  
Fulminating mercury.  
Fulminating platinum.  
Fulminating silver.

G

Gelatinized nitrocellulose.  
Gem-dinitro aliphatic explosive mixtures.  
Guanyl nitrosamino guanyl tetrazene.  
Guanyl nitrosamino guanylidene hydrazine.

Guncotton.

H

Heavy metal azides.

Hexanite.

Hexanitrodiphenylamine.

Hexanitrostilbene.

Hexogen [RDX].

Hexogene or octogene and a nitrated  
N-methylaniline.

Hexolites.

HMX [cyclo-1,3,5,7-tetramethylene-  
2,4,6,8-tetranitramine; Octogen].

Hydrazinium nitrate/hydrazine/aluminum  
explosive system.

Hydrazoic acid.

I

Igniter cord.

Igniters.

Initiating tube systems.

K

KDNBF [potassium dinitrobenzo-furoxane].

L

Lead azide.

Lead mannite.

Lead mononitroresorcinate.

Lead picrate.

Lead salts, explosive.

Lead styphnate [styphnate of lead, lead  
trinitroresorcinate].

Liquid nitrated polyol and trimethylolethane.

Liquid oxygen explosives.

M

Magnesium ophorite explosives.

Mannitol hexanitrate.

MDNP [methyl 4,4-dinitropentanoate].

MEAN [monoethanolamine nitrate].

Mercuric fulminate.

Mercury oxalate.

Mercury tartrate.

Metriol trinitrate.

Minol-2 [40% TNT, 40% ammonium nitrate, 20%  
aluminum].

MMAN [monoethylamine nitrate];  
methylamine nitrate.

Mononitrotoluene-nitroglycerin mixture.

Monopropellants.

N

NIBTN [nitroisobutametriol trinitrate].

Nitrate sensitized with gelled nitroparaffin.

Nitrated carbohydrate explosive.

Nitrated glucoside explosive.

Nitrated polyhydric alcohol explosives.

Nitrates of soda explosive mixtures.

Nitric acid and a nitro aromatic compound explosive.

Nitric acid and carboxylic fuel explosive.

Nitric acid explosive mixtures.  
Nitro aromatic explosive mixtures.  
Nitro compounds of furane explosive mixtures.  
Nitrocellulose explosive.  
Nitroderivative of urea explosive mixture.  
Nitrogelatin explosive.  
Nitrogen trichloride.  
Nitrogen tri-iodide.  
Nitroglycerine [NG, RNG, nitro, glyceryl trinitrate, trinitroglycerine].  
Nitroglycide.  
Nitroglycol (ethylene glycol dinitrate, EGDN)  
Nitroguanidine explosives.  
Nitroparaffins Explosive Grade and ammonium nitrate mixtures.  
Nitronium perchlorate propellant mixtures.  
Nitrostarch.  
Nitro-substituted carboxylic acids.  
Nitrourea.

O

Octogen [HMX].  
Octol [75 percent HMX, 25 percent TNT].  
Organic amine nitrates.  
Organic nitramines.

P

PBX [RDX and plasticizer].  
Pellet powder.  
Penthrinite composition.  
Pentolite.  
PYX (2,6-bis(picrylamino)-3,5-dinitropyridine  
Perchlorate explosive mixtures.  
Peroxide based explosive mixtures.  
PETN [nitropentaerythrite, pentaerythrite tetrinitrate, pentaerythritol tetrinitrate].  
Picramic acid and its salts.  
Picramide.  
Picrate of potassium explosive mixtures.  
Picratol.  
Picric acid (manufactured as an explosive).  
Picryl chloride.  
Picryl fluoride.  
PLX [95% nitromethane, 5% ethylenediamine].  
Polynitro aliphatic compounds.  
Polyolpolynitrate-nitrocellulose explosive gels.  
Potassium chlorate and lead sulfocyanate explosive.  
Potassium nitrate explosive mixtures.  
Potassium nitroaminotetrazole.

R

RDX [cyclonite, hexogen, T4, cyclo-1,3,5,- trimethylene-2,4,6,-trinitramine; hexahydro-1,3,5-trinitro-S-triazine].

S

Safety fuse.  
Salts of organic amino sulfonic acid explosive mixture.

Silver acetylide.  
Silver azide.  
Silver fulminate.  
Silver oxalate explosive mixtures.  
Silver styphnate.  
Silver tartrate explosive mixtures.  
Silver tetrazene.  
Slurried explosive mixtures of water, inorganic  
oxidizing salt, gelling agent, fuel and  
sensitizer (cap sensitive).  
Smokeless powder.  
Sodatol.  
Sodium amatol.  
Sodium azide explosive mixture.  
Sodium dinitro-ortho-cresolate.  
Sodium nitrate-potassium nitrate explosive mixture.  
Sodium picramate.  
Squibs.  
Styphnic acid explosives.

T

Tacot [tetrannitro-2,3,5,6-dibenzo-1,3a,4,6a-  
tetrazapentalene].  
TATB [triaminotrinitrobenzene].  
TEGDN [triethylene glycol dinitrate].  
Tetrazene [tetracene, tetrazine,  
1(5-tetrazolyl)-4-guanyl tetrazene hydrate].  
Tetranitrocarbazole.  
Tetryl [2,4,6 tetrannitro-N-methylaniline].  
Tetrytol.  
Thickened inorganic oxidizer salt slurried explosive mixture.  
TMETN (trimethylolethane trinitrate).  
TNEF [trinitroethyl formal].  
TNEOC [trinitroethylorthocarbonate].  
TNEOF [trinitroethyl orthoformate].  
TNT [trinitrotoluene, trotyl, trilite, triton].  
Torpex.  
Tridite.  
Trimethylol ethyl methane trinitrate composition.  
Trimethylolthane trinitrate-nitrocellulose.  
Trimonite.  
Trinitroanisole.  
Trinitrobenzene.  
Trinitrobenzoic acid.  
Trinitrocresol.  
Trinitro-meta-cresol.  
Trinitronaphthalene.  
Trinitrophenetol.  
Trinitrophloroglucinol.  
Trinitroresorcinol.  
Tritonal.

U

Urea nitrate.

W

Water bearing explosives having salts of oxidizing  
acids and nitrogen bases, sulfates, or sulfamates (cap  
sensitive).

Water-in-oil emulsion explosive compositions.

Xanthamonas hydrophilic colloid explosive mixture.