



SECTION 1: IDENTIFICATION

Product Identifier: CIL Mil-Det, Omni Fuse Assembly
Form Approved OMB No. 1218-0072

Name, Address, and Telephone of the Responsible Party:

Omni Distribution Inc., Explosive Products Div
PO Box 69, Marion AR 72364
800-255-3924 Chem-Tel
800-277-6664
www.omniexplosives.com

SECTION 2: HAZARDS IDENTIFICATION

Hazardous Components (Specific Chemical Identity; Common Name(s))

OSHA PEL
ACGIH TLV

An explosive device assembled from the following parts:

Blasting Cap, Fuse Type. An aluminum shell (~0.25" x ~2.3") containing:
Pentaerthrite Tetranitrate, <800 mg and Lead Azide Styphnate <200mg.
Fuse Safety, Core of Black Powder Mixture wrapped in polyethylene. (~5.5 g/meter)

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Boiling Point	n/a
Vapor Pressure (mm Hg.)	n/a
Vapor Density (AIR = 1)	n/a
Specific Gravity (H2) = 1)	n/a
Melting Point	n/a
Evaporation Rate (Butyl Acetate = 1)	n/a
Solubility in Water	NEGLIGIBLE
Appearance and Odor	OD Green Cord with Aluminum shell on one end. Odorless.



SECTION 4: FIRST AID MEASURES

General:	n/a
Inhalation:	n/a
Skin Contact:	n/a
Eye Contact:	n/a
Ingestion:	n/a

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Method Used)	not determined
Flammable Limits	n/a
UEL	n/a

Extinguishing Media

Do Not Extinguish. Evacuate 200ft radius.

Special Fire Fighting Procedures

Do not extinguish flames. Isolate the area and evacuate personnel.

Unusual Fire and Explosion Hazards

Fuse Assemblies will burn with extremely hot flames and explode when set on fire or subjected to sparks or impact. Plastic will melt and will burn skin. Do not hold. Protect from flame, impact, sparks, static, friction, etc.

AUTO IGNITION POINT:

No explosion after 48 hours at 75 degrees Celsius

SECTION 6: ACCIDENTAL RELEASE MEASURES

Route(s) of Entry:	N/A
Inhalation?	N/A
Skin?	N/A
Ingestion?	N/A

Health hazards of the Mixture contained within this article are the same as those of the individual ingredients. Refer to individual MSDS for more specific data on each ingredient.

Protective Carcinogenicity:	N/A
NTP?	N/A
IARC Monographs?	N/A
OSHA Regulated?	N/A

Signs and Symptoms of Exposure

NONE. If device detonates near or on someone, extreme even fatal injury may result.

Medical Conditions

Generally Aggravated by Exposure NONE - RARELY ASTHMA DUE TO SMOKE



Emergency and First Aid Procedures

IN CASE OF INJURY BY FIRE/HEAT/SMOKE TO SKIN/EYES SEEK MEDICAL CARE IMMEDIATELY

SECTION 7: HANDLING AND STORAGE

Steps to Be Taken in Case Material is Released or Spilled

REVIEW FIRE AND EXPLOSION SAFETY PROCEDURES BEFORE STARTING THE CLEAN UP OPERATION.

WEAR APPROPRIATE ATTIRE.

PERSONAL PROTECTION ATTIRE. NOMEX GLOVES, APRON, EYE PROTECTION.

Waste Disposal Method

USE PROPERLY TRAINED PERSONNEL AND RECOMMENDED PROCEDURE.
CONSULT AN EXPLOSIVES MANUFACTURER IF NECESSARY.

Precautions to Be Taken in Handling and Storing

STORAGE MUST COMPLY WITH LOCAL, STATE, OTHER GOVERNMENT REGULATIONS.
PROPER LABELING, PACKAGING AND MANUFACTURING OF THE BOXES IS REQUIRED
FOR LEGAL TRANSPORTATION. REFER TO D.O.T. REGULATIONS

Other Precautions

The explosive mixture contained is considered reactive and should be disposed of as active hazardous waste in accordance with all applicable regulations.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection (Specify Type)

N/A. Note: Use only outdoors in well ventilated areas

Ventilation

Use outdoors

Local Exhaust

N/A

Mechanical (General)

N/A

Special

N/A

Protective Gloves

Yes. BUTYL OR NOMEX GLOVES

Eye Protection

Safety glasses

Other Protective Clothing or Equipment

Yes, as necessary. Remove contaminated clothing and clean before reuse.

Work/Hygenic Practices

Wash thoroughly after handling. Avoid contamination of food, beverages, etc.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Not available



SECTION 10: STABILITY AND REACTIVITY

Stability	Stable Protect from static, flames, etc.. Produces Nitrogen Oxides when Detonated.
Incompatibility (Materials to Avoid)	NO KNOWN CHEMICAL IMCOMPATIBILITIES
Hazardous Polymerization	Will Not Occur

SECTION 11: TOXICOLOGY INFORMATION

Not available

SECTION 12: ECOLOGY INFORMATION

Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Not available

SECTION 14: TRANSPORTATION INFORMATION

Not available

SECTION 15: REGULATORY INFORMATION

Not available

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF LAST REVISION

Not available