

KILGORE CORP -- MK124 MODO SIGNAL, SMOKE & ILLUMINATION -- 8465-01-361-4877

===== Product Identification =====

Product ID:MK124 MODO SIGNAL, SMOKE & ILLUMINATION

MSDS Date:03/14/1994

FSC:8465

NIIN:01-361-4877

Kit Part:Y

MSDS Number: CGLHC

=== Responsible Party ===

Company Name:KILGORE CORP

Address:KILGORE DR

City:TOONE

State:TN

ZIP:38381-5000

Country:US

Info Phone Num:901-658-5231/800-535-5053

Eme

rgency Phone Num:901-658-5231/800-535-5053

CAGE:75324

=== Contractor Identification ===

Company Name:KILGORE CORP

Address:KILGORE DR

Box:City:TOONE

State:TN

ZIP:38381-5000

Country:US

Phone:901-658-5231/800-535-5053

CAGE:75324

===== Composition/Information on Ingredients =====

Ingred Name:1-XYLYLAZO-2-NAPHTHOL, SCARLET DYE (SUSPECTED ANIMAL  
CARCINOGEN BY IARC - GROUP 3) 95-1

CAS:3118-97-6

RTECS #:QL5850000

Ingred Name:POTASSIUM PERCHLORATE

CAS:7778-74-7

RTECS #:SC9700000

Ingred Name:POTASSIUM NITRATE  
CAS:7757-79-1  
RTECS #:TT3700000

Ingred Name:POTASSIUM CHLORATE  
CAS:3811-04-9  
RTECS #:FO0350000

Ingred Name:AMORPHOUS SILICA, AMORPHOUS-DIATOMACEOUS EARTH  
CAS:61790-53-2  
RTECS #:HL8600000  
Other REC Limits:20 MCCPF (MSHA)  
ACGIH TLV:10 MG/CUM DUST

Ingred Name:STRONTIUM (II) NITRATE (1:2); NITRIC ACID, STRONTIUM SALT  
CAS:10042-76-9  
RTECS #:WK9800000

Ingred Name:FLUORINATED SYNTHETIC RUBBER 95-1  
CAS:9011-17-0

Ingred Name:CHLOROETHYLENE POLYMER, POLYVINYLCHLORIDE, P  
OLYVINYL  
CHLORIDE  
CAS:9002-86-2  
RTECS #:KV0350000

Ingred Name:BORON  
CAS:7440-42-8  
RTECS #:ED7350000

Ingred Name:C.I. SOLVENT RED 111  
CAS:82-38-2

Ingred Name:MAGNESIUM  
CAS:7439-95-4  
RTECS #:OM2100000

Ingred Name:SUCROSE  
CAS:57-50-1  
RTECS #:WN6500000  
ACGIH TLV:10 MG/CUM

Ingred Name:GRAPHITE  
CAS:7782-42-5  
RTECS #:MD9659600  
Other REC Limits:2.5MG/CUM  
ACGIH TLV:2 MG/CUM RESP IC

Ingred Name:SILICON  
CAS:7440-21-3  
RTECS #:VW0400000  
ACGIH TLV:10 MG/CUM

Ingred Name:LEAD TETROXIDE  
CAS:1314-41-6

RTECS #:OG5425000  
Other REC Limits:0.1 MG(PB)/CUM TWA  
ACGIH TLV:0.15 MG(PB)/CUM

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:HAZARDOUS MATERIAL IS SEALED INSIDE.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:HAZARDOUS MATERIAL IS SEALED INSIDE.

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First Aid Measures =====

First Aid:OBTAIN MEDICAL ATTENTION IN ALL CASES.

===== Fire Fighting Measures =====

Extinguishing Media:LARGE VOLUME OF WATER/SMOTHER W/SAND  
Fire Fighting Procedures:AVOID INHALING VAPORS, WEAR SELF CONTAINED  
BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:UNIT GIVES OFF LARGE VOLUMES OF ORANGE  
SMOKE WHEN BURNING. AUTO-IGNITION TEMP: >350F.

===== Accidental Release Measures =====

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Spill Release Procedures:HANDLE CAREFULLY TO AVOID ACCIDENTAL IGNITION.  
DON'T SMOKE IN AREA.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP AWAY FROM OPEN FLAMES/FLAME  
PRODUCING SOURCES. UNITS SHOULD BE HANDLED IN ACCORDANCE  
W/REGULATIONS GOVERNING DOD HAZARD CLASS 1.4 G EXPLOSIVES.  
Other Precautions:HANDLE CAREFULLY TO AVOID ACCIDENTAL IGNITION. DON'T  
SMOKE IN AREA.

===== Exposure Controls/Personal Prote

ction =====

Ventilation:LOCAL EXHAUST; MECHANICAL (GENERAL)

Supplemental Safety and Health

KEY1:E2. THIS ENTRY DESCRIBES THE SMOKE AND ILLUMINATION SIGNAL IN THE LIFE-SAVING APPLIANCE KIT. SEE THIS SAME NSN FOR DATA ON THE OTHER THREE HAZARDOUS ITEMS IN KIT; PERSONNEL DISTRESS SIGNAL, FIRE STARTING TOOL, SAFETY MATCHES.

===== Physical/Chemical Properties =====

HCC:E2

Net Prop Wt for Ammo:0.20LBS

===== Stability and Reactivity Data

a =====

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:SPARKS, HIGH HEAT/OPEN FLAME

===== Disposal Considerations =====

Waste Disposal Methods:OPEN PIT BURNING. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. UN0191.

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