

MARTIN ELECTRONICS INC -- 17004000 MEI 101 NIGHT VISION HAND SIGNAL -- 5855-01-456-5752
===== Product Identification =====

Product ID:17004000 MEI 101 NIGHT VISION HAND SIGNAL

MSDS Date:07/14/1994

FSC:5855

NIIN:01-456-5752

Status Code:A

MSDS Number: CHZDK

=== Responsible Party ===

Company Name:MARTIN ELECTRONICS INC

Address:ROUTE 1

Box:700

City:PERRY

State:FL

ZIP:32347

Country:US

Info Phone Num:90

4-584-2634

Emergency Phone Num:904-584-2634

CAGE:4A902

=== Contractor Identification ===

Company Name:MARTIN ELECTRONICS INC

Address:ROUTE 1 BOX 700

Box:City:PERRY

State:FL

ZIP:32347

Country:US

Phone:904-584-2634

CAGE:4A902

Company Name:NIGHT VISION EQPMT CO INC

Address:542 KEMMERER LN

Box:City:ALLENTOWN

State:PA

ZIP:18104-9339

Country:US

Phone:610-391-9101

Contract Num:SPO920-98-M-6195

CAGE:0NTN5

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

Ingred Name:C.I. SOLVENT ORA

NGE 7 (SARA 313); XYLENE-AZO-B-NAPHTHOL
CAS:3118-97-6
RTECS #:QL5850000
Other REC Limits:NONE RECOMMENDED

Ingred Name:C.I. SOLVENT RED 111; DYE
CAS:82-38-2
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM CHLORATE
CAS:3811-04-9
RTECS #:FO0350000
Other REC Limits:NONE RECOMMENDED

Ingred Name:SUCROSE; SUGAR
CAS:57-50-1
RTECS #:WN6500000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3; 9596

Ingred Name:GRAPHITE, NATURAL
CAS:7782-42-5
RTECS #:MD9659600
Other R
EC Limits:NONE RECOMMENDED
OSHA PEL:15 MPPCF; Z-3
ACGIH TLV:2 MG/M3 RDUST; 9596

Ingred Name:DIATOMACEOUS EARTH
Other REC Limits:NONE RECOMMENDED

Ingred Name:LEAD OXIDE, (RED LEAD OXIDE)
CAS:1314-41-6
RTECS #:OG5425000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE 1910.1025
ACGIH TLV:0.15 MG/M3

Ingred Name:SILICON
CAS:7440-21-3
RTECS #:VW0400000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9596

Ingred Name:FLUOROELASTOMERIC BINDER
RTECS #:9999999ZZ
Othe

r REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM NITRATE

CAS:7757-79-1

RTECS #:TT3700000

Other REC Limits:NONE RECOMMENDED

Ingred Name:BORON; ELEMENTAL

CAS:7440-42-8

RTECS #:ED7350000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG B203/M3

ACGIH TLV:10 MG B2O3/M3

Ingred Name:M29 PRIMER

RTECS #:9999999ZZ

Other REC Limits:NONE RECOMMENDED

Ingred Name:ZIRCONIUM

CAS:7440-67-7

RTECS #:ZH7070000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3/10 STEL;9596

Ingred Name:BARI

UM CHROMATE

CAS:10294-40-3

RTECS #:CQ8760000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 MG CR/M3

ACGIH TLV:0.5 MG CR/M3

Ingred Name:CELLULOSE (PAPER FIBER)

CAS:9004-34-6

RTECS #:FJ5691460

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3; 9596

Ingred Name:HEXAMINE/HEXAMETHYLENETETRAMINE

CAS:100-97-0

RTECS #:MN4725000

Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICON

CAS:7440-21-3

RTECS #:VW0400000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACG

IH TLV:10 MG/M3 TDUST; 9596

Ingred Name:ASPHALTUM

RTECS #:9999999ZZ

Other REC Limits:NONE RECOMMENDED

Ingred Name:BLACK POWDER CLASS 6

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50:NO AVAILABLE DATA.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY BE HARMFUL IF INGESTED OR UPON
SKIN/EYE CONTACT. ACUTE:RESP-M

INOR IRRITATION. DERMAL-MINOR

IRRITATION. EYE-MINOR IRRITATION MAY OCCUR. INGEST-NOT VIABLE
ROUTE. CHRONIC:RESPIRATORY-MAY CAUSE DAMAGE TO BLOOD & CENTRAL
NERVOUS SYSTEM. DERMAL-MINOR IRRITATION. INGESTION-NOT A VIABLE
ROUTE.

Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY:NA.

Medical Cond Aggravated by Exposure:NONE KNOWN OR REPORTED.

===== First Aid Measures =====

First Aid:EYE:IMMED FLUSH W/LG AMTS OF WATER FOR @LEAST 15MINS

OCCASIONALLY LIFTING UPPER AND LOWER EYELIDS. IF EYE IRRITATION
DEVELOPS CALL DR. SKIN:FOR BURNS USE STANDARD FIRST AID METHODS.
INGEST:NOT A VIABLE ROUTE. INHAL:REMOVE TO FRESH AIR. CONSULT
PHYSICIAN IF IRRITATION OCCURS.

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

Flash Point:NA

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:WATER SPRAY. APPLY BY MECHANICAL MEANS ONLY.

Fire Fighting Procedures:FIGHT ALL FIRES FROM REMOTE & EXPLOSION
RESISTANT

SITE. EVACUATE ALL NON-ESSENTIAL PERSONNEL. USE WATER TO
COOL CONTAINER EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:EXPLOSIVE.

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

Spill Release Procedures:PRODUCT MAY REPRESENT EXPLO HAZ. REMOVE ALL
SOURCES OF IGNITION. STOP SOURCE OF SPILL AS SOON AS POSSIBLE &
NOTIFY APPROPRIATE PERSONNEL .MATL SPILL SHOULD ONLY BE ADDRESSED
BY PERSONNEL EXPERIENCED I N HANDLING ENERGETIC MATERIALS. USE
NON-SPARK TOOLS AN
D AVOID SUBJECTING MATERIALS TO MECHANICAL SHOCK.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL DRY PLACE AWAY FROM ALL
SOURCES OF IGNITION.DO NOT STORE @TEMPS ABOVE:65.5C/150F. DO NOT
SUBJECT TO MECHANICAL SHOCK.
Other Precautions:PRODUCT IS EXPOSIVE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:RESPIRATORY PROTECTION N
OT NORMALLY NEEDED.
AVOID PROLONGED BREATHING OF DECOMPOSITION PRODUCTS.
Ventilation:USE ONLY IN OPEN AREAS W/ ADEQUATE VENTILATION.
Protective Gloves:GLOVES
Eye Protection:EYE PROTECTION
Other Protective Equipment:BOOTS. AVOID SKIN CONTACT W/ MATERIALS &
DECOMPOSITION PRODUCTS.
Supplemental Safety and Health
NONE

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

HCC:E1
Decomp Temp:>71.1C, 160.F
Spec Gravity:NA
pH:NA
Solubility in Water:NA
Appearance and Odor:CYLINDR

ICAL ALUMINUM SHELL 5.6"LONG X 1.7"DIA;NO
ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS.

Stability Condition to Avoid:UNSTABLE @TEMPS >160F.

Hazardous Decomposition Products:COMPOUNDS OF BARIUM, CHROME, LEAD,
CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSAL OF MATERIAL, DECOMPOSITION PRODUCTS &
EMPTY CONTAINERS IAW ALL LOCAL, STATE
AND FEDERAL REGULATIONS.

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