
I.R. FLARE AIRCRAFT COUNTERMEASURE

MSDS Number

BSQDH

National Stock Number

1370-01-187-8390

Product Name

I.R. FLARE AIRCRAFT COUNTERMEASURE

Manufacturer

TRACOR AEROSPACE

Product Identification

Product ID:I.R. FLARE AIRCRAFT COUNTERMEASURE

MSDS Date:12/21/1992

FSC:1370

NIIN:01-187-8390

MSDS Number: BSQDH

Responsible Party

TRACOR AEROSPACE

EAST CAMDEN , AR 71701

US

Emergency Phone: 800-424-9300

Info Phone: 501-574-1712

Cage: TRACO

Contractor

TRACOR AEROSPACE

3297

EAST CAMDEN, AR 71701

US

501-574-1712

Cage: TRACO

Ingredients

MAGNESIUM POLYTETRAFLUOROETHYLENE BINDER

FLUOROELASTOMER

HYCAR RUBBER

ACETONE; DIMETHYL KETONE; 2-PROPANONE

CAS: 67-64-1

RTECS: AL3150000

OSHA PEL2400 MG/CUM

ACGIH TLV: 750 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

BARIUM CHROMATE(VI)

CAS: 10294-40-3

RTECS: CQ8760000

OSHA PEL0.1 MG(CR)/M3

ACGIH TLV: 0.05 MG(CR)/M3

BORON

CAS: 7440-42-8

RTECS: ED7350000

POTASSIUM PERCHLORATE

CAS: 7778-74-7

RTECS: SC9700000

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES/SKIN: SEVERE BURNS, SERIOUS
ENOUGH TO CAUSE EXTENDED HOSPITALIZATION OR DEATH. EYE INJURY
POSSIBLE FROM DIRECT VIEWING OF FLAME.

Explanation of Carcinogenicity:NONE

First Aid

First Aid:IF INJURED BY FUNCTIONING OF FLARE TRAINED FIRST AID
PERSONNEL SHOULD TREAT INJURIES WHICH MAY INVOLVE SEVERE BURNS TO
EYES & EXPOSED SKIN, SHOCK & POSSIBLE INHALATION OF HOT GASES.
OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:1.4 F (ACETONE)

Lower Limits:2.6

Upper Limits:12.8

Fire Fighting Procedures:NORMALLY DO NOT FIGHT FIRE FROM BURNING FLARE.
IF POSSIBLE UNDER DIRECTION OF SAFETY PERSONNEL CAN ATTEMPT TO
PREVENT FIRE SPREAD.

Unusual Fire/Explosion Hazard:ASSEMBLED FLARE IS RELATIVELY INSENSITIVE
TO IGNITION STIMULI (MECHANICAL/ELECTROSTATIC/THERMAL). CLASS B
EXPLOSIVE.

Accidental Release

Spill Release Procedures:FLARE IS SEALED UNIT. IF DAMAGED & POWDER IS
EXPOSED, HANDLE UNIT W/CARE. WITH ADEQUATE PERSONNEL PROTECTIVE
EQUIPMENT, WET POWDER AND/OR CAREFULLY CLEAN UP USING, IF
NECESSARY, DAMP WIPING MATERIAL.

Handling

Handling and Storage Precautions:ITEM SHOULD BE STORED IN SHIPPING
CONTAINER IS APPROVED MAGAZINE.

Other Precautions:AVOID ROUGH HANDLING OF FLARE. IF POSSIBLE, WORK ITEM
& PLACE FLARE IN MAGAZINE BEHIND ADEQUATE SHIELD. IF GRAIN IS TO BE
EXPOSED, SHOULD HAVE RAPID ACTING DELUGE SYSTEM AVAILABLE. KEEP
FIRE & FLAME A WAY. FOLLOW APPROVED PROCEDURES.

Exposure Controls

Respiratory Protection:AIR SUPPLIED RESPIRATOR.

Ventilation:ADEQUATE LOCAL/GENERAL VENTILATION.

Protective Gloves:RECOMMENDED
Eye Protection:SAFETY GLASSES W/SIDE SHIELDS
Other Protective Equipment:FIRE RETARDANT CLOTHING INCLUDING
GLOVES/CONDUCTIVE FOOTWEAR. IF POSSIBLE, POWDER HANDLING CLOTHING.
Supplemental Safety and Health
FIRE: FLARE COMPOSITION GRAIN IS SENSITIVE TO MECHANICAL,
ELECTROSTATIC, & THERMAL STIMYLI. SECOND FIRE-MORE SENSITIVE TO
IGNITION THEN FLARE GRAIN COMPOSITION; KEEP WET UNTIL USE. FIRST
FIRE-VERY SEN SITIVE TO ALL IGNITION SOURCES.

Stability

Stability Indicator/Materials to Avoid:YES
S & I
Stability Condition to Avoid:FIRE & FLAME. AVOID ROUGH HANDLING.
Hazardous Decomposition Products:MAGNESIUM OXIDE, MAGNESIUM FLOURIDE

Disposal

Waste Disposal Methods:DISPOSE OF CONTAMINATED & DAMAGED MATERIAL &
ITEM BY BURNING. DOT:UN0093

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