

EASTERN AERO MARINE

Material Safety Data Sheet
Aviation Rafts

SECTION I - CHEMICAL IDENTIFICATION

Manufacturer's name: Eastern Aero Marine
Emergency telephone number: Within USA: 1-800-255-3924 – Outside USA: 1-813-248-0585

Address: street, city, state and ZIP code
5502 NW 37th Avenue, Miami, Florida 33142 USA

Trade name and synonyms:
Life Raft, Self Inflating, Aviation Type

| <u>Model No.</u> | <u>Part No.</u> | <u>Model No.</u> | <u>Part No.</u> | <u>Model No.</u> | <u>Part No.</u> | <u>Model No.</u> | <u>Part No.</u> |
|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| EAM - 2B | R0074-() | EAM - T4 | R0101A() | EAM - T7AS | R1500-() | EAM - T12 | R0297A() |
| EAM - 5 | R0070-() | EAM - T4S | R01350-() | EAM - T9 | R0103A() | EAM - T14AS | R1400-() |
| EAM - 8 | R0097-() | EAM - T4AS | R1200-() | EAM - T9S | R1450-() | EAM - T25 | R0372A() |
| EAM - 12 | R0098-() | EAM - T6 | R0102A() | EAM - T10AS | R1300-() | EAM - T46 | R0202A() |
| EAM - T2 | R0100A() | EAM - T6A | R0425A() | EAM - T11AS | R1570-() | | |

US DOT shipping nomenclature: Life Saving Appliance, Self Inflating, UN2990

Chemical family: NA
Formula: NA

SECTION II - HAZARDOUS INGREDIENTS

| Paints, Preservatives, and Solvents | % | TLV Units | Alloys and Metallic Coatings | % | TLV Units |
|-------------------------------------|----|-----------|--|----|-----------|
| Pigments | NA | NA | Base Metal | NA | NA |
| Catalyst | NA | NA | Alloys | NA | NA |
| Vehicle | NA | NA | Metallic Coatings | NA | NA |
| Solvents | NA | NA | Filler Metal Plus Coating or Core Flux | NA | NA |
| Additives | NA | NA | | | |
| Other | NA | NA | Other | NA | NA |

Hazardous mixtures of other liquids, solids, or gases:

- 1.- Carbon Dioxide, Compressed, CAS# 124-38-9, UN1013
- 2.- Nitrogen, Compressed, CAS# 7727-37-9, UN1066
- 3.- Pyrotechnic Signaling Device (flares) Including:
Signal Devices, Hand, UN0191, 1.4G
Cartridges, Signal, UN0405, 1.4S or UN0312, 1.4G

SECTION III - PHYSICAL DATA

| | | | |
|-------------------------|----|-------------------------------|----|
| Boiling Point °F | NA | Specific Gravity $H_2O = 1$ | NA |
| Vapor Pressure mm Hg | NA | Percent, Volatile By Volume % | NA |
| Vapor Density $Air = 1$ | NA | Evaporation Rate | NA |
| Solubility In Water | NA | Appearance and Odor | NA |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash point (method used): Auto Ignition > 350 °F
Flammable limits: NA
LFL: NA
UFL: NA

Extinguishing media:
Large volumes of water

Special fire fighting procedures:
Pyrotechnic signaling device (flares) may include material that contains its own oxygen to maintain burning. Do not try to smother or use dry chemical.

Unusual fire and explosion hazards:
Life raft contains cylinder of gas under pressure which may discharge or rupture under extreme temperatures. Life raft contains pyrotechnic signaling devices (flares) that are explosive. Flares will burn with intense heat when exposed to fire. Keep away from flame or flame producing sources.

SECTION V - HEALTH HAZARD DATA

| | | |
|------------------------------|--------------------------------|--|
| Threshold limit value: NA | Effects of overexposure: NA | Emergency and first aid procedure: NA |
|------------------------------|--------------------------------|--|

SECTION VI - REACTIVITY DATA

| | | | |
|------------|----------|---|---|
| Stability: | Unstable | | Conditions to avoid: Open flames, sparks, or high temperature. |
| | Stable | ✓ | |

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| Incompatibility (materials to avoid): NA |
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| Hazardous decomposition products: NA |
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| | | | |
|---------------------------|----------------|---|----------------------------|
| Hazardous Polymerization: | May occur | | Conditions to avoid: NA |
| | Will not occur | ✓ | |

Life rafts are stable if stored in the original package in cool, dry condition.
Do not subject life raft to high temperatures or excessively humid conditions.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Hazardous materials are contained in sealed units within packed life raft. Spills should pose no threat if the sealed units are not breached. If compressed gas cylinder ruptures, ventilate area. If pyrotechnic signaling device ruptures, material spilled from unit should be swept away and burned by trained personnel. Ignition sources must be avoided. Handle materials with care.

Waste disposal method:

Incineration is the preferred method of disposal of pyrotechnic materials.
Any compressed gas released will dissipate into the atmosphere and leave no hazardous waste.

SECTION VIII - SPECIAL PROTECTION INFORMATION

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|--|-----------------------------|-----------------------------------|
| Respiratory protection (specify type): NA | | |
| Ventilation | Local exhaust NA | Special: NA |
| | Mechanical (general): NA | Other: NA |
| Protective gloves: NA | Eye protection: NA | Other protective equipment: NA |

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing:
These units should be stored in a cool, dry area away from danger of sparks, heat or flame.

Other precautions:
Do not drop the packed life raft. Do not pull the inflation lanyard (painter line) on the raft. Only lift the packed raft by its handles on its carrying case. Opening the raft case may cause the raft to inflate. Life raft can cause injury if inflated close to people or in a confined area.