EASTERN AERO MARINE

Material Safety Data Sheet
Aviation Rafts

SECTION I - CHEMICAL IDENTIFICATION

Manufacturer's name:	Emergency telephone number:
Eastern Aero Marine	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

Model No.	Part No.	Model No.	Part No.	Model No.	Part No.	Model No.	Part No.
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:	Formula:
NA	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):	Flammable limits:	LFL:	UFL:
Auto Ignition > 350 °F	NA	NA	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:	Effects of overexposure:	Emergency and first aid procedure:
NA	NA	NA

SECTION VI - REACTIVITY DATA

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

Incompatibility (materials to avoid):

NA

Hazardous decomposition products:

NA

Hazardous Polymerization:	May occur		Conditions to avoid:
	Will not occur	✓	NA

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

Respiratory protection (specify type):

NA

Ventilation	Local exhaust	Special:
	NA	NA
	Mechanical (general):	Other:
	NA	NA

Protective gloves:	Eye protection:	Other protective equipment:
NA	NA	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.