



Material Safety Data Sheet (MSDS)

Identity: Life-saving appliances, self-inflating, UN2990, Class 9
Trade Name: Life Raft, Self Inflating
Part Numbers: 1400-(), 1900-(), RAF1104-(), RAF1206-(), RAF1210-(), RAF1212-()

Section I

Manufacturer's Name: Survival Products, Inc.	Emergency Tel. Number: 1-800-535-5053
Address: 5614 S.W. 25 Street Hollywood, FL 33023	Tel. Number for Info.: 1-954-966-7329
	Date Prepared: 15 JUL 15

Section II – Hazardous Ingredients/Identity Information

Paints, Preservatives, and Solvents:	%	TLV Units	Alloys and Metallic Coating:	%	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, UN1013, Class 2.2
2. Signal devices, hand, UN0373, Class 1.4S

Section III – Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity H2O=1.0	NA
Vapor Pressure mm Hg	NA	Percent, Volatile By Volume	NA
Vapor Density Air = 1.0	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 degrees F	Flammable Limits: NA	LEL: NA	UEL: NA
Extinguishing Media: Large volumes of water			
Special Fire Fighting Procedures: Hand signal devices 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 may contain hand signal devices that are explosive. These signal devices will burn with intense heat when exposed to fire. Keep away from flame or flame producing sources.			

Section V

Stability:	Unstable		Conditions to Avoid: Open Flames, sparks, or high temperatures
	Stable	X	

Section VI – Health Hazard Data

Threshold Limit Value: NA	Effects of Overexposure: NA	Emergency and First Aid Procedure: NA
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Section VII – Precautions for Safe Handling and Use

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 hand signal 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 the pyrotechnic materials in the hand signal devices. Any compressed gas released will dissipate into the atmosphere and leave no hazardous waste.

Section VIII – Control Measures

Respiratory Protection:		
Ventilation:	Local Exhaust: NA	Special: NA
	Mechanical (General): NA	Other: NA
Protective Gloves: NA	Eye Protection: NA	Other Protective Equipment: NA

Section IX

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 life raft. Only lift the packed life raft by the handles on its valise. Opening the life raft may cause the raft to inflate. The life raft can cause injury if inflated close to people or in a confined area.