


SAFETY DATA SHEET AVIATION LIFE RAFTS

1. PRODUCT AND COMPANY INFORMATION

Product Name : Life Raft, Self-Inflating, Aviation Type
Trade Names Part No : 1400-(), 1900-(), RAF1104-(), RAF1108-(), RAF1206-(), RAF1210-(),
RAF1212-()
Product Uses : Inflatable liferaft for emergency use on general, corporate and commercial
aircrafts
Company : AVI Survival Products, Inc.
1655 NW 136 Avenue, Bldg. M
Sunrise, Florida 33323
(954) 966-7329

Emergency Telephone Number : (800) 535-5053

2. HAZARDS IDENTIFICATION

Symbol(s) or pictogram(s) : 

Hazard statements : Life raft contains a steel or aluminum 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.

Precautionary statement(s) : Not applicable

Hazards not otherwise classified : In addition to any other important health or physical hazards, this product may displace oxygen and cause rapid suffocation. May cause frostbite.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Carbon Dioxide, Compressed, CAS# 124-38-9, UN1013
: Flares, Aerial, UN0403, 1.4G

4. FIRST AID MEASURES

Eye Contact : N/A

Inhalation : N/A

Skin Contact : N/A

Ingestion : N/A

Life rafts present no hazards that would require first aid measures.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media : Use an extinguishing agent suitable for the surrounding fire

Unsuitable Extinguishing Media : None known

Specific hazards arising from the chemical : Contains gas under pressure. In a fire or if heated, a pressure increase will occur and

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide

6. ACCIDENTAL RELEASE MEASURES

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 voided. Handle material with care.

7. HANDLING AND STORAGE

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 if packed in a fabric valise. If raft is packed in a hard container, lift from bottom. Opening the raft valise or hard container may cause the raft to inflate. Life raft can cause injury if inflated close to people or in a confined area. The life raft's compressed gas cylinder is equipped with a pressure relief device. The device will vent gas from the cylinder if stored at temperatures above 130° F. The raft may partially or fully inflate if the pressure relief device activates.

These units should be stored in a cool, dry area away from danger of sparks, heat or Flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

N/A

10. STABILITY AND REACTIVITY

Life raft is stable under normal conditions. May form harmful fumes under fire conditions.

11. TOXICOLOGICAL INFORMATION

N/A


12. ECOLOGICAL INFORMATION

N/A.

13. DISPOSAL CONSIDERATIONS

Incineration is the preferred method of disposal of pyrotechnic materials. Any compressed gas released will dissipate into the atmosphere and leave no hazardous waste. Other solid portions of the life raft may be disposed of as domestic waste in accordance with local laws and regulations.

14. TRANSPORT INFORMATION

	DOT, ADR, IMDG, IATA
UN Number	UN2990
UN Proper Shipping Name	Life Saving Appliance, Self-Inflating
Transport Hazard Class(es)	Class 9 
DOT	49CFR172.01 and 49CFR173.219

15. REGULATORY INFORMATION

N/A. OSHA – As required by US federal regulations.

16. OTHER INFORMATION

Disclaimer Liability: Since conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. The information contained in this SDS is believed to be true and accurate. All statements or suggestions are made without warranty, express or implied, regarding the accuracy of the information, the hazards connected with the use of the product, or the results to be obtained from the use thereof. Compliance with all federal, state, and local laws and regulations remains the responsibility of the user.

User Responsibility: This SDS cannot cover all possible situations which the distributor, retailer, or end user may experience during transport, storage, processing, or use. The user should examine each aspect of his operation and determine if additional precautions should be taken. All health and safety information contained in this SDS should be provided to the user's employees or customers. It is the user's responsibility to use this information to develop appropriate work practice guidelines and employee training programs for his operation.