

EASTERN AERO MARINE

Material Safety Data Sheet
Survival Kits, Individual

SECTION I - CHEMICAL IDENTIFICATION

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| Manufacturer's name: Eastern Aero Marine | Emergency telephone number: Within USA: 1-800-255-3924 – Outside USA: 1-813-248-0585 |
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Address: *street, city, state and ZIP code*
5502 NW 37th Avenue, Miami, Florida 33142 USA

Trade name and synonyms:
Survival Kits, Individual; Supplemental Raft Accessories Kits; Slide/Raft Survival Kits

| Survival Kit Model No. Part No | Hazardous Materials (See Section II) | | | | | | Survival Kit Model No. Part No | Hazardous Materials (See Section II) | | | | | |
|-----------------------------------|--------------------------------------|-------------------|---------------------|--------------------|-------------------------|------------------|-----------------------------------|--------------------------------------|-------------------|---------------------|--------------------|-------------------------|------------------|
| | Matches | Lithium Batteries | Sterno, Canned Fuel | Trioxane Fuel Bars | 12 Ga. Flare Cartridges | Day/Night Flares | | Matches | Lithium Batteries | Sterno, Canned Fuel | Trioxane Fuel Bars | 12 Ga. Flare Cartridges | Day/Night Flares |
| LSK-1 S3008-101 | ✓ | - | - | - | - | - | UTSK-50 S3123-101 | ✓ | - | - | - | ✓ | ✓ |
| LSK-1-5 S3008-103 | ✓ | - | - | - | - | - | PSK-28 S3102-101 | ✓ | - | ✓ | - | ✓ | |
| LSK-2 S3012-101 | ✓ | ✓ | - | - | ✓ | ✓ | PSK-47 S3100-101 | ✓ | ✓ | ✓ | - | ✓ | |
| LSK-4 S3001-101 | ✓ | - | - | - | ✓ | - | AFSK-7 S3035-101 | ✓ | - | - | - | ✓ | ✓ |
| JSK-14 S3026-101 | ✓ | - | - | - | ✓ | - | AFSK-7 S3035-103 | ✓ | - | - | - | - | - |
| DSK-15 S3027-101 | ✓ | - | - | - | - | ✓ | SRAK-20 S3058-101 | - | - | - | - | - | ✓ |
| FASK-28 S3089-101 | ✓ | - | ✓ | - | ✓ | - | SRAK-84 S3072-101 | - | - | - | - | - | ✓ |
| JDSK-16 S3032-101 | ✓ | - | - | - | ✓ | ✓ | DOISK S3037-101 | ✓ | - | - | - | ✓ | - |
| FASK-21 S3031-101 | ✓ | - | ✓ | - | ✓ | - | ISK-1/1 S3021-101 | ✓ | - | - | - | - | - |
| SSAK-14 S3025-101 | ✓ | - | - | - | - | - | ISK-MH S3029-101 | ✓ | - | - | - | - | - |
| UTSK-3 S3097-101 | ✓ | - | - | - | - | - | SK-747-2 S3038-101 | - | - | - | - | - | ✓ |
| UTSK-5 S3111-101 | ✓ | ✓ | - | - | - | ✓ | Renewal Kit -2 S3051-101 | - | - | - | - | - | ✓ |
| UTSK-5 S3111-103 | ✓ | ✓ | - | - | - | ✓ | SK-747-4 S3045-101 | - | ✓ | - | - | - | ✓ |
| UTSK-7 S3067-101 | ✓ | - | - | ✓ | - | ✓ | Base Kit -4 S3053-101 | - | ✓ | - | - | - | - |
| UTSK-10 S3112-101 | ✓ | - | - | - | ✓ | ✓ | Renewal Kit -4 S3054-101 | - | - | - | - | - | ✓ |
| UTSK-17 S3015-101 | ✓ | - | - | - | ✓ | ✓ | - | - | - | - | - | - | - |
| UTSK-20 S3118-101 | ✓ | - | - | - | ✓ | ✓ | - | - | - | - | - | - | - |

US DOT shipping nomenclature:
Life Saving Appliance, Not Self-Inflating, UN3072

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|-------------------------------|-----------------------|
| Chemical family: NA | Formula: NA |
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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 | | NA | NA |
| Other | NA | NA | Other | NA | NA |

Hazardous mixtures of other liquids, solids, or gases:

- | | |
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| <p>1.- Matches, Strike Anywhere, UN1331</p> <p>2.- Lithium Batteries, contained in equipment, UN3091</p> <p>3.- Sterno (gelled alcohol, canned cooking fuel); <i>Contains 67% Ethanol CAS# 64-17-5 and 3-4% Methanol CAS# 67-56-1.</i> Flammable Solids, Organic, n.o.s. (Contains Ethanol) UN1325, Class 4.1, PGIII</p> <p>4.- Ration, Heating Fuel, Compressed, Trioxane; <i>Contains 1, 3, 5 Trioxane CAS# 110-88-3.</i> Flammable Solids, Organic, n.o.s. (Contains 1,3,5 Trioxane) UN1325, Class 4.1, PGIII</p> | <p>5.- Pyrotechnic Signaling Device (flares) Including: Day/Night Handheld Flares- Signal Devices, Hand, UN0191, 1.4G 12 Gauge Flare Launcher Cartridges- Cartridges, Signal, UN0312, 1.4G</p> |
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SECTION III - PHYSICAL DATA

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|-----------------------|----|-------------------------------|----|
| 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

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

Extinguishing media:
Water deluge, sand.

Special fire fighting procedures:
As with any fire, wear protective clothing and self-contained breathing apparatus (SCBA) to avoid inhalation of hazardous decomposition product. 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:
Closed cans of Sterno exposed to flame and heat might erupt, scattering fragments. Trioxane Fuel Bars are considered a moderate fire risk and burns with a colorless flame. Like any sealed container, battery cells may rupture when exposed to excessive heat; this could result in the release of flammable and corrosive materials. Survival Kits contain 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

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| Threshold limit value: NA | Effects of overexposure: NA | Emergency and first aid procedure: NA |
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SECTION VI - REACTIVITY DATA

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|---|----------------|---|--|
| Stability: | Unstable | | Conditions to avoid: Open flames, sparks, or high temperature. |
| | Stable | ✓ | |
| Incompatibility (materials to avoid): <p style="text-align: center;">NA</p> | | | |
| Hazardous decomposition products: When heated, alkaline batteries may emit hazardous vapors or caustic potassium hydroxide. | | | |
| Hazardous Polymerization: | May occur | | Conditions to avoid: Do not heat, disassemble, or recharge batteries. |
| | Will not occur | ✓ | |
| Survival kits are stable if stored in the original package in cool, dry condition. Do not subject survival kits 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 Survival Kits. Spills should pose no threat if the sealed units are not breached.

If pyrotechnic signaling device ruptures, material spilled from unit should be swept away and burned by trained personnel. Avoid creating dust. Ignition sources must be avoided.

If Sterno spills, remove all sources of ignition. Provide adequate ventilation. Absorb on vermiculite, paper, or other absorbent material. Flush area with water.

For Trioxane Fuel Bar spills, avoid sparks, open flames, or any other sources of ignition. Avoid contact with strong acids or oxidizing materials.

Handle materials with care.

Waste disposal method:

Dispose of all hazardous materials in accordance with Federal, State, and Local regulations. Contact local or state environmental agencies for specific rules.

Incineration is the preferred method of disposal of pyrotechnic materials and Trioxane Fuel Bars.

Incinerate or bury batteries in accordance with regulations.

Dispose of unused portion of Sterno in accordance with regulations. Do not dump in sewers, any bodies of water, or onto the ground.

SECTION VIII - SPECIAL PROTECTION INFORMATION

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| Respiratory protection (specify type): <p style="text-align: center;">NA</p> | | |
| Ventilation | Local exhaust <p style="text-align: center;">NA</p> | Special: <p style="text-align: center;">NA</p> |
| | Mechanical (general): <p style="text-align: center;">NA</p> | Other: <p style="text-align: center;">NA</p> |
| Protective gloves: <p style="text-align: center;">NA</p> | Eye protection: <p style="text-align: center;">NA</p> | Other protective equipment: <p style="text-align: center;">NA</p> |

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing:

Handle survival kits with care. These units should be stored in a cool, dry area away from danger of sparks, heat or flame.