


PACKING SPECIFICATION

PS100-052 ISSUE 5

PRODUCT INFORMATION

Product Description	Mixed Lifesaving Pyrotechnics for Disposal
Part Number	Various
Maximum Quantity Per Box	See below
Dimensions	530 x 330 x 230mm
Estimated Gross Weight	25kgs maximum
Estimated Net Weight	N/A
Net Explosive Content Per Item	12.5kgs maximum
UN Packing Instruction	P135
Hazard Class	1.2G
UN Number	UN0429
Propper Shipping Name	Articles, Pyrotechnic
Tunnel Restriction Code	B1000C
Shipping Method	Road and seafreight only
Box Marking	 4G/Y24/S/**/GB/6325

PACKING MATERIALS

1	1 x UN Approved Fibreboard Box, Part no. 9570001
2	Bubble Wrap Sheeting as required
3	50mm Vinyl Adhesive Tape, as required
4	19mm Electrical tape or similar, as required
5	Address Labels

PACKING METHOD

1	Examine the pyrotechnics to ensure that they are in good condition, with no visible signs of damage or missing components. (contact Drew Marine for advice on handling damaged pyrotechnics).
2	Ensure each pyrotechnic (except for line throwing rockets and signal cartridges) is prevented from accidental ignition by securing the end caps and striker mechanisms with tape as shown in pictures 1-6. Ensure that the tape does not obscure the striker indicator or direction arrows.
3	Record the type and net explosive content of each pyrotechnic to be packed. Use the fixed net explosive content per generic item listed below.
4	Assemble the box by folding in the bottom flaps and H-taping with 50mm vinyl tape.
5	Cut the bubble wrap sheeting to size (2000x450mm) and place along the bottom of the box, leaving the excess evenly overlapping both ends as shown if picture 7.
5	Place one layer of the same type of pyrotechnics (eg. all handflares) into the box, packing securely to prevent movement.
6	If necessary, cut another sheet of bubblewrap to size (750mm x 450mm) and lay out over the top of the pyrotechnics before placing a second layer of pyrotechnics on top as shown in picture 8.

PACKING SPECIFICATION

PS100-052 ISSUE 5

PACKING METHOD CONT

- 7 Continue until the the box is filled to the maximum quantities allowed (see below), ensuring that the maximum gross and net explosive content weights shown above are not exceeded.
- 8 Fold the excess of the bottom bubblewrap sheet over the top layer of pyrotechnics.
- 9 Ensure any voids in the box are filled with enough bubblewrap sheet to prevent any movement.
- 10 Fold in the top flaps of the box and secure shut with 50mm vinyl tape.
- 11 Mark and label the box in accordance with the UN Transport of Dangerous Goods Regulations.
- 12 Mark the box with the number and type of product and the total net explosive content and gross weight.

PICTURE 1. HANDFLARES & HANDSMOKES



PICTURE 2. FLOATING SMOKE SIGNALS



PICTURE 3. MINIFLARE KITS



PICTURE 4. PARACHUTE ROCKETS



PACKING SPECIFICATION

PS100-052 ISSUE 5

PACKING METHOD CONT

PICTURE 5. DAY/NIGHT SIGNALS



PICTURE 6. MANOVERBOARD UNITS



PICTURE 7. BUBBLE WRAP SHEET



PICTURE 8. LAYERING PYROTECHNICS




13	Net Explosive Contents per generic item:		
	Parachute Rocket	0.175kgs	Manoverboard Signal 1.750kgs
	Lifesmoke	0.325kgs	Line-Throwing Rocket 0.170kgs
	Handflare/Handsmoke	0.100kgs	Miniflare Kit 0.080kgs
	Day/Night Signal	0.045kgs	Signal Cartridge 0.026kgs
14	Maximum number of items per box:		
	Parachute Rocket	60	Manoverboard MK8/ 9161600 1
	Lifesmoke	36	Manoverboard MK9/9181600 2
	Handflare/Handsmoke	100	Line-Throwing Rocket 30
	Day/Night Signal	100	Miniflare Kit 60
			Signal Cartridge 175

PACKING SPECIFICATION

PS100-080 ISSUE 5

PRODUCT INFORMATION

Product Description	Comet Red Handflare / PW Red Handflare Mk8 / Aurora
Part Number	9162800 / 9529000 / 9528500 (BAM-PT1-1108)
Maximum Quantity Per Box	100
Dimensions	37 x 27 x 27mm
Estimated Gross Weight	18.2kgs
Estimated Net Weight	17.6kgs
Net Explosive Content Per Item	0.063kgs
UN Packing Instruction	P135
Hazard Class	1.4G
UN Number	UN0191
Proper Shipping Name	Signal Devices, Hand
Tunnel Restriction Code	E
Shipping Method	Roadfreight, Seafreight & Cargo Aircraft Only
Box Marking	 4G/Y22/S/**/D/BAM5391-KW-HL

PACKING MATERIALS

1.	1 x UN Approved Fibreboard Box, Part No 50004106800
2.	Corrugated cardboard sheets as required
3.	50mm Vinyl adhesive tape as required
4.	1 x Hazard warning label 1.4G

PACKING METHOD

1.	Assemble the fibreboard box (picture 1) and place one of the cardboard sheets in the bottom of the box.
2.	Fill the box with handflares horizontally stacked, maximum 100 pieces (picture 2).
3.	Fill the space between the handflares and the lid with cardboard sheets in order to prevent them from moving in the box (picture 3).
4.	Close and seal the box with the adhesive tape, ensuring that the tape overlaps the edges of the box by at least 100mm (picture 4).
5.	Mark the box in accordance with UN transport of dangerous goods regulations (picture 5).

PACKING SPECIFICATION

PS100-080 ISSUE 5

PACKING METHOD PICTURES 1-5

PICTURE 1.



PICTURE 2.



PICTURE 3.



PICTURE 4.



PICTURE 5.

