


## PACKING SPECIFICATION

PAGE 1 OF 3

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

PAGE 2 OF 3

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



