

Important information about EFOY fuel cartridge packaging

Expedition of EFOY fuel cartridges in type-approved packaging (4G-cardboard)

Affected products:

- Fuel Cartridge M5
- Fuel Cartridge M10
- Fuel Cartridge M28

Due to a modification in the ADR 2013, EFOY fuel cartridges can no longer be sent out as single package (container as the packaging). M5, M10 and M28 fuel cartridges must be sent in a type-approved outer packaging 4G cardboard.

The new packaging differs from the current one by:

- The UN code, printed on the top front side of the package (replacing the text „Umverpackung/Overpack“)
- Increased wall thickness.

Modification concerning M5 und M10 fuel cartridges

- Current box (Overpack) will be replaced by a type-approved cardboard (4G type)
- M5 and M10 fuel cartridges can only be sent in the new type-approved boxes.
- The transportation labelling will be removed from the individual fuel cartridges.
- Each box contains 2 fuel cartridges (the transportation of a single fuel cartridge, without additional packaging is not allowed)
- The amount of fuel cartridges per pallet remains unchanged for M5 fuel cartridges
- The amount of fuel cartridges per pallet will be reduced from 60 to **54** for M10

Modification concerning M28 fuel cartridges

- Each M28 fuel cartridge must be packed in a type-approved packaging.
- Up to now, M28 fuel cartridges could be sent without additional packaging. This is no longer permitted. M28 fuel cartridges must be sent in a type-approved packaging.
- One box contains one M28 fuel cartridge.
- The amount of fuel cartridges per pallet remains unchanged.

Timeline

In March, all new fuel cartridges produced by SFC will be packed following the new ADR guideline. Cartridges packed in non 4G packaging can be sent up to 30.06.2013

Brunnthal, March 2013

Labelling of EFOY and SFC fuel cartridges

Valid from 2013 – all previous information sheets regarding EFOY fuel cartridge labelling are no longer valid.

EFOY fuel cartridges must be correctly labelled regarding hazardous substances for retail (GHS Labelling) and regulation for transportation of dangerous goods.

1. Labelling of hazardous substances for retail




On 20 January 2009, EC Regulation 1272/2008 came into force. This is known as the GHS or CLP (Regulation on Classification, Labelling and Packaging of Substances and Mixtures) Regulation.

It governs the classification, labelling and packaging of substances and mixtures and from 2015 will fully supersede the European Dangerous Substances Directive 67/548/EEC and the Dangerous Preparations Directive 1999/45/EC.

The aim of the global harmonised system is to make the level of protection for human health and the environment more uniform, transparent and comparable.


For more information, please go to: <http://echa.europa.eu>

Labelling of EFOY fuel cartridges

Labelling hazardous substances (GHS)	
Skull and crossbones	
Flame	
Hazardous to health	
Information	H and P Statements

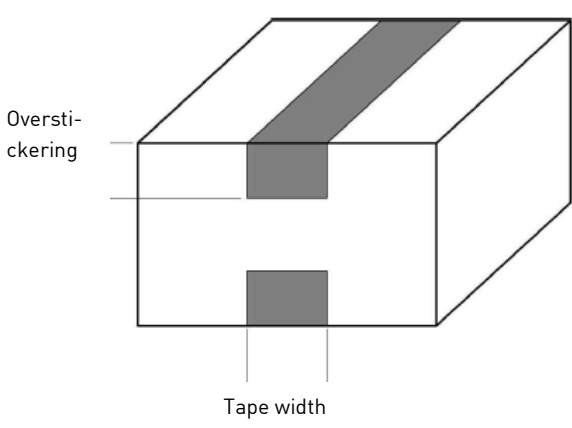
2. Labelling of hazardous substances for transportation

EFOY and SFC fuel cartridges are declared as UN3473 - FUEL CELL CARTRIDGES, for transportation.

Labelling of dangerous goods for transportation	
Declaration	Fuel Cell Cartridge
UN-Number	3473
Flammable liquid	

3. Changes on Labelling of EFOY and SFC fuel cartridges from 2013

Due to amendments in the ADR 2013, which regulates among others the labelling of dangerous goods for road transportation, changes had to be made to the packaging of EFOY and SFC fuel cartridges.

	Former packaging / labelling	New packaging / labelling (2013)
Declaration	Fuel Cell Cartridges	Fuel Cell Cartridges
UN-Number	3473	3473
Outer packaging	Containers M5, M10 and M28	Type-approved boxes. 2xM5, 2xM10 and 1xM28
Labelling on fuel cartridge	- GHS, hazardous material - Transportation of dangerous goods (UN 3473)	- GHS, hazardous material
Labelling on cardboard	- Overpack - Transportation (UN 3473)	- Type-approved (4G) Box (approval labelling) M5: 4G/Y10/S/13/D/BAM 5391-HOW M10: 4G/Y20/S/13/D/BAM 5391-HOW M28: 4G/Y25/S/13/D/BAM 6339-WSG - Transportation (UN 3473)
Closure packaging	Not specified	
Specification adhesive tape	Not specified	Minimal overstickering: 100mm Tape width: 50 mm Stability: 60kg/25mm / Thickness: 125 my adhesive strength: 2,5 kg/25mm fibre reinforced in the length.

Note. Please note that the adhesive tape and the closure of the packaging are part of the type-approved packaging. EFOY fuel cartridges may only be sent in unopened and original packaging. After opening, the above mentioned requirements of the approval certificate must be respected.

4. Further Information

Road transportation: ADR 2013

See transportation: IMDG Code Amendment 36-12

Airfreight: IATA-DGR 54. Edition

21.03.2013