

Multilateral Agreement M312

under section 1.5.1 of ADR

concerning the carriage of articles containing dangerous goods, N.O.S.

(1) By derogation from the provisions of ADR, articles containing dangerous goods, N.O.S. in quantities exceeding the permitted limited quantity amounts specified in Column (7a) of Table A of Chapter 3.2 may be carried under the provisions defined in items (2) to (10) as follows:

(2) Articles are carried by using the following UN number, proper shipping name and class assignment, provisions of 3.1.2.8 shall apply:

UN N°	Name and description	Class
3537	ARTICLES CONTAINING FLAMMABLE GAS, N.O.S.	2
3538	ARTICLES CONTAINING NON-FLAMMABLE, NON TOXIC GAS, N.O.S.	2
3539	ARTICLES CONTAINING TOXIC GAS, N.O.S.	2
3540	ARTICLES CONTAINING FLAMMABLE LIQUID, N.O.S.	3
3541	ARTICLES CONTAINING FLAMMABLE SOLID, N.O.S.	4.1
3542	ARTICLES CONTAINING A SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION, N.O.S.	4.2
3543	ARTICLES CONTAINING A SUBSTANCE WHICH IN CONTACT WITH WATER EMITS FLAMMABLE GASES, N.O.S.	4.3
3544	ARTICLES CONTAINING OXIDIZING SUBSTANCE, N.O.S.	5.1
3545	ARTICLES CONTAINING ORGANIC PEROXIDE, N.O.S.	5.2
3546	ARTICLES CONTAINING TOXIC SUBSTANCE, N.O.S.	6.1
3547	ARTICLES CONTAINING CORROSIVE SUBSTANCE, N.O.S.	8
3548	ARTICLES CONTAINING MISCELLANEOUS DANGEROUS GOODS, N.O.S.	9

(3) Assignment of an article to one of the proper shipping name listed in (2) shall be done according to the following principles:

3.1 "Article" means machinery, apparatus or other devices containing one or more dangerous goods (or residues thereof) that are an integral element of the article,

necessary for its functioning and that cannot be removed for the purpose of carriage. An inner packaging shall not be an article.

3.2 Such articles may in addition contain batteries. Lithium batteries that are integral to the article shall be of a type proven to meet the testing requirements of the Manual of Tests and Criteria, part III, sub-section 38.3, except when otherwise specified by ADR (e.g. for pre-production prototype articles containing lithium batteries or for a small production run, consisting of not more than 100 such articles).

3.3 This multilateral agreement does not apply to articles for which a more specific proper shipping name already exists in Table A of Chapter 3.2.

3.4 This multilateral agreement does not apply to dangerous goods of Class 1, Class 6.2, Class 7 or radioactive material contained in articles.

3.5 Articles containing dangerous goods shall be assigned to the appropriate Class determined by the hazards present using, where applicable, the table of precedence of hazard in 2.1.3.10 for each of the dangerous goods contained in the article. If dangerous goods classified as Class 9 are contained within the article, all other dangerous goods present in the article shall be considered to present a higher hazard.

3.6 Subsidiary hazards shall be representative of the primary hazards posed by the other dangerous goods contained within the article. When only one item of dangerous goods is present in the article, the subsidiary hazard(s), if any, shall be the subsidiary hazard(s) identified by the subsidiary hazard label(s) in column (5) of Table A of Chapter 3.2. If the article contains more than one item of dangerous goods and these could react dangerously with one another during carriage, each of the dangerous goods shall be enclosed separately.

(4) Articles shall be packed in conformity with the packing instructions in annex I or II

(5) Packages shall be labelled according to the following provisions:

5.1 Packages containing articles or articles carried unpackaged shall bear labels according to 5.2.2.1 reflecting the hazards established according to 2.1.5, except that for articles that in addition contain lithium batteries, a lithium battery mark or a label conforming to model No. 9A is not required.

5.2 When it is required to ensure articles containing liquid dangerous goods remain in their intended orientation, orientation arrows meeting 5.2.1.10.1 shall be affixed and visible on at least two opposite vertical sides of the package or of the unpackaged article where possible, with the arrows pointing in the correct upright direction.”

- (6) For the purpose of section 1.1.3.6 the transport category “4” shall apply
- (7) Provisions CV13 and CV28 of 7.5.11 shall be applied
- (8) For the purpose of carriage in tunnel the tunnel restriction code is “E”
- (9) Any other relevant provision of ADR shall apply.
- (10) The consignor shall enter in the transport document: “carriage agreed under the terms of section 1.5.1 of ADR (M312)
- (11) This agreement shall be valid until 31 December 2018 for the carriage on the territories of those ADR Contracting Parties signatory to this Agreement. If it is revoked before that date by one of the signatories, it shall remain valid until the above mentioned date only for carriage on the territories of those ADR Contracting Parties signatory to this Agreement which have not revoked it.

Done in Paris, on April the 5th, 2018

The competent authority for ADR in France

Pour le Ministre d'État et par délégation,

l'ingénieur général des mines,



Cédric BOURILLET

Annex I to Multilateral Agreement M312

PACKING INSTRUCTION

(1) The following packagings are authorized, provided that the general provisions of 4.1.1 and 4.1.3 are met:

Drums (1A2, 1B2, 1N2, 1H2, 1D, 1G);

Boxes (4A, 4B, 4N, 4C1, 4C2, 4D, 4F, 4G, 4H1, 4H2);

Jerricans (3A2, 3B2, 3H2)

Packagings shall conform to the packing group II performance level.

(2) In addition, for robust articles the following packagings are authorized:

Strong outer packagings constructed of suitable material and of adequate strength and design in relation to the packaging capacity and its intended use. The packagings shall meet the provisions of 4.1.1.1, 4.1.1.2, 4.1.1.8 and 4.1.3 in order to achieve a level of protection that is at least equivalent to that provided by Chapter 6.1. Articles may be carried unpackaged or on pallets when the dangerous goods are afforded equivalent protection by the article in which they are contained.

(3) Additionally, the following conditions shall be met:

(a) Receptacles within articles containing liquids or solids shall be constructed of suitable materials and secured in the article in such a way that, under normal conditions of carriage, they cannot break, be punctured or leak their contents into the article itself or the outer packaging;

(b) Receptacles containing liquids with closures shall be packed with their closures correctly oriented. The receptacles shall in addition conform to the internal pressure test provisions of 6.1.5.5;

(c) Receptacles that are liable to break or be punctured easily, such as those made of glass, porcelain or stoneware or of certain plastics materials shall be properly secured. Any leakage of the contents shall not substantially impair the protective properties of the article or of the outer packaging;

(d) Receptacles within articles containing gases shall meet the requirements of Section 4.1.6 and Chapter 6.2 as appropriate or be capable of providing an equivalent level of protection as packing instructions P200 or P208;

(e) Where there is no receptacle within the article, the article shall fully enclose the dangerous substances and prevent their release under normal conditions of carriage.

(4) Articles shall be packed to prevent movement and inadvertent operation during normal conditions of carriage.

Annex II to Multilateral Agreement M312

PACKING INSTRUCTION

(1) The following large packagings are authorized, provided that the general provisions of 4.1.1 and 4.1.3 are met:

Rigid large packagings conforming to the packing group II performance level made of:

- steel (50A);
- aluminium (50B);
- metal other than steel or aluminium (50N);
- rigid plastics (50H);
- natural wood (50C);
- plywood (50D);
- reconstituted wood (50F);
- rigid fibreboard (50G).

(2) Additionally, the following conditions shall be met:

- (a) Receptacles within articles containing liquids or solids shall be constructed of suitable materials and secured in the article in such a way that, under normal conditions of carriage, they cannot break, be punctured or leak their contents into the article itself or the outer packaging;
- (b) Receptacles containing liquids with closures shall be packed with their closures correctly oriented. The receptacles shall in addition conform to the internal pressure test provisions of 6.1.5.5;
- (c) Receptacles that are liable to break or be punctured easily, such as those made of glass, porcelain or stoneware or of certain plastics materials shall be properly secured. Any leakage of the contents shall not substantially impair the protective properties of the article or of the outer packaging;
- (d) Receptacles within articles containing gases shall meet the requirements of Section 4.1.6 and Chapter 6.2 as appropriate or be capable of providing an equivalent level of protection as packing instructions P200 or P208; and
- (e) Where there is no receptacle within the article, the article shall fully enclose the dangerous substances and prevent their release under normal conditions of carriage.

(3) Articles shall be packed to prevent movement and inadvertent operation during normal conditions of carriage.