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SARL Jacques Prévot Artifices
17 Rue Glapigny
52140 SARREY
FRANCE



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Subject

ADR approval for fireworks to special provisions 645.

Dear Sir,

Attached the ADR authorization approval for the following fireworks products classified as:

- FIREWORKS, Hazard Division 1.3G, UN-code 0335.

The Dutch competent authority has approved the transport classification for the articles according to special provision 645 of the ADR.

According to the special provisions for Class 1 (ADR paragraph 5.4.1.2.1.(g)), when fireworks of UN Nos. 0333, 0334, 0335, 0336 and 0337 are carried, the transport document shall bear the following inscription:

“Classification of fireworks by the competent authority of NL with fireworks reference NL/YYZZZZ” (YY=TNO, ZZZZ=unique serial reference).

The reference authorization number is as follows: NL/TNO-0592-2021.

Yours faithfully,

M.W.L. Dirkse
Classification Expert
Energetic Materials

Date

17 December 2021

Our reference

21/EM0661

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Project number

060.51331/01.40

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The General Terms and Conditions for commissions to TNO, as filed with the Registry of the District Court in the Hague and with the Chamber of Commerce and Industry in The Hague, shall apply to all commissions to TNO. Our General Terms and Conditions are also available on our website www.tno.nl. A copy will be sent upon request.

Trade register number 27376655.

APPROVAL

1	Approval number	21EM/0661	Date 17 December 2021
2	Issued by	The competent authority of the Netherlands for the classification of explosives for road and rail transport ¹ . TNO Ypenburgse Boslaan 2 2496 ZA The Hague The Netherlands	Our reference 21/EM0661 Page 2/5
3	Applicant	SARL Jacques Prévot Artifices 17 Rue Glapigny 52140 Sarrey France	
4	Synopsis	The material specified in paragraph 8 is approved for transportation under the terms specified in paragraphs 9 and 10.	
5	Relevant regulations	<ul style="list-style-type: none"> • Recommendations on the Transport of Dangerous Goods, twenty-first revised edition, 2019, United Nations, New York and Geneva (ST/SG/AC.10.1/Rev.21), • Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, seventh revised edition, 2019, United Nations, New York and Geneva (ST/SG/AC.10.11/Rev.7), • European Agreement concerning the international carriage of dangerous goods by road (ADR), • European Agreement concerning the international carriage of dangerous goods by rail (RID). • International Civil Aviation Organisation (ICAO). • International Maritime Organisation (IMO) Regulations. 	
6	Relevant parts	2.2.1.1.2 and 2.2.1.1.4 of the ADR.	
7	Basis	<ol style="list-style-type: none"> 1. Technical datasheets delivered by the applicant (<i>TNO is not responsible for the content of these datasheets</i>) 2. Default list of the classification of fireworks (ADR). 	

¹ Appendix 3: Arrangement land transport of dangerous goods. Appendix 3: Arrangement rail transport of dangerous goods.

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8	Type of articles	Fireworks	Date 17 December 2021
9	Article number/name	See Appendix	Our reference 21/EM0661
10	NEM	See Appendix	Page 3/5
11	Class or division	1.3G	
	UN number	0335	
	Proper shipping name	FIREWORKS	
12	Packaging method	4G cardboard packaging. Packaging instruction P135 (Paragraph 4.1.4, ADR).	
13	Conditions	All other requirements of international transport regulations have to be met as well.	
14	Remarks	A copy of this approval shall be attached to the dangerous goods transport documents and must accompany the above mentioned dangerous goods.	
15	Reference for authorization	NL/TNO-0592-2021	
16	Date	17 December 2021	
17	Authorization		

M.W.L. Dirkse
Classification Expert

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Appendix: Overview of fireworks belonging to SARL Jacques Prévot Artifices, France.

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Table 1a Fireworks shells classified as hazard division 1.3G UN0335.

Item Number	Name/ Description	Type	Calibre [mm]	NEM [g]	Class	UN- code	Packaging Code	CE Marking Number
510020000 / D4-A0006	Bombe 100 mm à tronc pivoine blanche	Shell	100	310,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-080-37
510106000 / D4-A0002	bombe 100 mm pivoine verte	Shell	100	311,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-036-37
510109000 / D4-A0001	Bombe 100 mm pivoine rouge	Shell	100	311,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-036-37
510111000 / D4-A0005	Bombe 100 mm pivoine violette	Shell	100	311,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-036-37
510112000 / D4-B0797	Bombe 100 mm à effet cli. argent	Shell	100	311,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-036-37
510179000 / D4-A0379	Bombe 100 mm traçante multicolore	Shell	100	302,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0232
510238000 / D4-B0624	Bombe 100 mm à final cli. blanc or	Shell	100	311,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-036-37
512009000 / D5-A0006	Bombe 125 mm pivoine cli. blanc	Shell	125	614,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0238
512014000 / D5-A0003	Bombe 125 mm pivoine bleu	Shell	125	614,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-084-37
512015000 / D5-A0010	Bombe 125 mm pivoine citron	Shell	125	614,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-084-37
512023000 / D5-B0735	Bombe 125 mm kamuro	Shell	125	625,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0238
512027000 / D5-B0739	Bombe 125 mm extérieur kamuro centre bleu	Shell	125	625,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-085-37
512028000 / D5-B0748	Bombe 125 mm extérieur kamuro centre multicolore	Shell	125	625,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0238
512029000 / D5-A1223	Bombe 125 mm à effet cascade	Shell	125	659,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-086-37
512045000 / D5-B0704	Bombe 125 mm à effet cli. rouge	Shell	125	614,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0238
512057000 / D5-A0375	Bombe 125 mm traçante blanc	Shell	125	583,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0233
512059000 / D5-A0379	Bombe 125 mm traçante multicolore	Shell	125	583,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0233
515007000 / D6-A1227	Bombe 150 mm kamuro longue durée	Shell	150	1053,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0239
515010000 / D6-A0001	Bombe 150 mm pivoine rouge	Shell	150	1084,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-031-37
515011000 / D6-A0008	Bombe 150 mm pivoine argent	Shell	150	1157,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-031-37
515013000 / D6-A0013	Bombe 150 mm pivoine orange	Shell	150	1157,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-031-37
515015000 / D6-A0014	Bombe 150 mm pivoine aqua	Shell	150	1157,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-031-37
515016000 / D6-A0003	Bombe 150 mm pivoine bleu	Shell	150	1157,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-031-37
515017000 / D6-A0010	Bombe 150 mm pivoine citron	Shell	150	1157,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-031-37
515018000 / D6-A0011	Bombe 150 mm pivoine rose	Shell	150	1157,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-031-37
515020000 / D6-A1539	Bombe 150 mm pivoine multicolore pastel	Shell	150	1157,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-031-37
515022000 / D6-B0721	Bombe 150 mm pivoine cli. blanc	Shell	150	1093,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-031-37
515023000 / D6-B0704	Bombe 150 mm pivoine cli. rouge	Shell	150	1083,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-031-37
515031000 / D6-A0002	Bombe 150 mm pivoine verte	Shell	150	1157,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-031-37
515051000 / D6-B5138	Bombe 150 mm kamuro centre rose	Shell	150	1079,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0239
515052000 / D6-B0758	Bombe 150 mm kamuro centre vert	Shell	150	1079,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0239
515053000 / D6-B0757	Bombe 150 mm kamuro centre rouge	Shell	150	1079,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0239
515054000 / D6-B0759	Bombe 150 mm kamuro centre violet	Shell	150	1079,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0239
515057000 / D6-B1348	Bombe 150 mm kamuro centre bleue	Shell	150	1079,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0239
515058000 / D6-B1534	Bombe 150 mm kamuro centre blanc	Shell	150	1079,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0239
515060000 / D6-B0769	Bombe 150 mm kamuro centre multicolore	Shell	150	1079,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0239
515061000 / D6-B1533	Bombe 150 mm kamuro centre aqua	Shell	150	1079,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0239

- 1) Gross mass in kilograms
- 2) Year of production
- 3) Optional and additional information

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Table 1b Fireworks shells classified as hazard division 1.3G UN0335.

Item Number	Name/ Description	Type	Calibre [mm]	NEM [g]	Class	UN- code	Packaging Code	CE Marking Number
575001000 / D3-B0797	Bombe 75 mm à effet cascade	Shell	75	131,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-072-37
575019000 / D3-A0011	Bombe 75 mm pivoine rose	Shell	75	145,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575020000 / D3-A0009	Bombe 75 mm pivoine aqua	Shell	75	145,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575021000 / D3-A0002	Bombe 75 mm pivoine verte	Shell	75	145,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575022000 / D3-A0001	Bombe 75 mm pivoine rouge	Shell	75	145,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575024000 / D3-A0005	Bombe 75 mm pivoine violette	Shell	75	145,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575025000 / D3-A0697	Bombe 75 mm à effet cli. blanc	Shell	75	145,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575026000 / D3-A0010	Bombe 75 mm pivoine citron	Shell	75	145,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575027000 / D3-A0013	Bombe 75 mm pivoine orange	Shell	75	145,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575028000 / D3-A0003	Bombe 75 mm pivoine bleue	Shell	75	145,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575029000 / D3-A0008	Bombe 75 mm pivoine argent	Shell	75	145,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575030000 / D3-A1539	Bombe 75 mm pivoine multicolore pastel	Shell	75	145,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575079000 / D3-A0015	Bombe 75 mm à tronc pivoine multicolore	Shell	75	165,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-074-37
575093000 / D3-B0667	Bombe 75 mm crackling or	Shell	75	164,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-076-37
575095000 / D3-B0817	Bombe 75 mm crackling multicolore	Shell	75	164,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-076-37
575096000 / D3-B0806	Bombe 75 mm crackling rouge	Shell	75	164,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-076-37
575130000 / D3-A0369	Bombe 75 mm traçante rouge	Shell	75	133,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0231
575135000 / D3-A0375	Bombe 75 mm traçante blanc	Shell	75	133,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0231
575138000 / D3-A0379	Bombe 75 mm traçante multicolore	Shell	75	133,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0231
575157000 / D3-B0738	Bombe 75 mm extérieur kamuro centre vert	Shell	75	159,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-076-37
575158000 / D3-B0741	Bombe 75 mm extérieur kamuro centre violet	Shell	75	159,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-076-37
575169000 / D3-A0007	Bombe 75 mm pivoine or	Shell	75	145,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575430000 / D3-A1531	Bombe 75 mm à final cli. blanc rose	Shell	75	150,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575432000 / D3-A1225	Bombe 75 mm à final cli. blanc citron	Shell	75	150,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575434000 / D3-A0399	Bombe 75 mm à final cli. blanc rouge	Shell	75	150,00	1.3G	0335	4G/Y ¹ /S ² / ³	1646-F4-201-073-37
575545000 / D3-B0681	Bombe 75 mm à effet cli. rouge	Shell	75	145,00	1.3G	0335	4G/Y ¹ /S ² / ³	2463-F4-0236

- 1) Gross mass in kilograms
- 2) Year of production
- 3) Optional and additional information