Caldwell County Fire Marshal's Office

Phone (828)757-1277 | Ricky K. Brown, Fire Marshal | Fax (828)757-1182
2345 Morganton Blvd.
PO Box 2200
Lenoir NC, 28645

APPLICATION FOR FIREWORKS DISPLAY PERMIT

- Name: Zambelli Fireworks (individual, group or organizational sponsor)
- Address: 1060 Holland Drive, Suite J
  Boca Raton, FL 33487
- Location of Display: Cedar Rock Country Club (Street Address)
  2065 Cedar Rock Estates Drive
  Lenoir, NC 28645
- Name, Address and Phone number of fireworks display operator:
  Jerry Zimmerman - NCDOI License attached - 828-994-8024 cell
- Date and Time of Fireworks Display: July 6, 2025 @ 9:00pm
- Proposed Rain/Wind date if event is postponed: September 1, 2025
- Provide a copy of approval for the fireworks display from the Caldwell County Commissioners or from the Municipality if authority has been transferred by the Board of Commissioners.
- Provide the qualifications of the operator which demonstrate experience with use of fireworks and knowledge of all safety precautions related to the storage, handling or use of fireworks. Operators **must have a Permit from the Office of State Fire Marshal** and provide a copy of permits of all personnel involved in the display to this office or provide documentation as required for assistants on site.
- Provide Evidence of Financial Responsibility by the sponsor of the event or the operator of the fireworks display. (Insurance Certificate) **Caldwell County is to be included in the Certificate Holder section.**
- Provide a "Procedure Plan for Failures" which establishes procedures to follow and actions to be taken in the event that a shell fails to ignite or other malfunctions.
- Provide a diagram (including distances) of the grounds on which the outdoor fireworks display is to be held showing the point at which the fireworks are to be discharged, the location of all buildings, highways and other lines of communication, the lines behind which the audience is to be restrained, and the location of other possible overhead obstructions.
- Provide information regarding the number and types of fireworks which will be discharged.
- Provide information regarding the manner and place of storage of such fireworks prior to delivery to the outdoor fireworks display site.

By signing this document, the applicant agrees that the operation of this outdoor fireworks display will conform to the terms of NFPA 1123 or NFPA 1126, and the General Statutes of North Carolina.

(Signature of Applicant) — 05/05/2025 (Date)

rbrown@caldwellcountync.org

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 2/26/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Acrisure Great Lakes Partners Insurance Services
223 West Grand River Ave #1
Howell MI 48843

CONTACT NAME:
PHONE (A/C, No, Ext): 216-658-7100 **FAX (A/C, No):** 216-658-7101
E-MAIL ADDRESS: info@brittongallagher.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Everest Denali Insurance Company	16044
INSURER B : Axis Surplus Lines Insurance Co.	26620
INSURER C : Everest Indemnity Insurance Company	10851
INSURER D :	
INSURER E :	
INSURER F :	

INSURED 3599
Zambelli Fireworks Mfg. Co.
280 Executive Dr. Ste 200
Cranberry Township PA 16066

COVERAGES **CERTIFICATE NUMBER:** 198756636 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
C	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC [ ] OTHER:			GCI0010151-251	2/1/2025	2/1/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG [ ]	$ 1,000,000 $ 500,000 $ $ 1,000,000 $ 2,000,000 $ 2,000,000 $
A	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [X] HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY			GCD0010065-251	2/1/2025	2/1/2026	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) [ ]	$ 1,000,000 $ $ $ $
B	[ ] UMBRELLA LIAB [X] OCCUR [X] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $			P-001-000791202-04	2/1/2025	2/1/2026	EACH OCCURRENCE AGGREGATE [ ]	$ 4,000,000 $ 4,000,000 $
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? [ ] N/A (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						[ ] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ $ $
C	Excess Liability #2			GCI0010152-251	2/1/2025	2/1/2026	Each Occ/ Aggregate Total Combined Excess	$5,000,000 $9,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Additional Insured extension of coverage is provided by above referenced General Liability policy where required by written agreement.
Date of Display: July 6, 2025 Rain Date: September 1, 2025 C# 521115
Location: Cedar Rock Country Club - 2065 Cedar Rock Estates Dr., Lenoir, NC
Additional Insureds: Village of Cedar Rock; Cedar Rock Development Association; Cedar Rock Country Club; Course Recovery Services; Caldwell County; State of North Carolina - ATIMA.

CERTIFICATE HOLDER

Village of Cedar Rock
Attn: Ernie McAteer, Councilman
2065 Cedar Rock Estates Drive
Lenoir NC 28645

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 2/26/2025

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IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Graham Company, a Marsh & McLennan Agency, LLC company
The Graham Building
One Penn Square West
Philadelphia PA 19102

CONTACT NAME: Liv Tumolo
PHONE (A/C, No, Ext): **FAX (A/C, No):**
E-MAIL ADDRESS: liv.tumolo@marshmma.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : PinnaclePoint Insurance Company	15137
INSURER B : Argonaut Insurance Company	19801
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED ZAMBFIR-01
Zambelli Fireworks Manufacturing Co.
280 Executive Dr
Ste 100
Cranberry Township PA 16066-6448

COVERAGES **CERTIFICATE NUMBER:** 1303081344 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$
	☐ CLAIMS-MADE ☐ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	☐ POLICY ☐ PRO-JECT ☐ LOC						PRODUCTS - COMP/OP AGG	$
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	☐ ANY AUTO						BODILY INJURY (Per person)	$
	☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	☐ UMBRELLA LIAB ☐ OCCUR						EACH OCCURRENCE	$
	☐ EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	$
	☐ DED ☐ RETENTION $							$
A B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐ (Mandatory in NH) N / A If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	Y	WCP7001893. ARGWC929198697544	2/1/2025 2/1/2025	2/1/2026 2/1/2026	X PER STATUTE ☐ OTH-ER	
							E.L. EACH ACCIDENT	$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Project#/ Reference: C# 521115
Display Date: July 6, 2025
Rain Date: September 1, 2025
Location: Cedar Rock Country Club, Lenoir, NC

CERTIFICATE HOLDER

Village of Cedar Rock
Attn: Ernie MacAteer, Councilman
2065 Cedar Rock Estates Drive
Lenoir NC 28645
USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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Work Order Shell Summary

Show No: 521115
Village of Cedar Rock **Lenior, NC**
Show Date: 7/6/2025

Shell Class	Description	Quantity
3 Inch Finale	3 inch Finale Assorted	180
3 Inch Finale Sal	3 inch Finale Salutes	30
3 Inch PP	3 inch Singles Prepacked	144
4 Inch Finale	4 inch Finale Assorted	30
4 Inch PP	4 inch Singles Prepacked	72
5 Inch PP	5 inch Singles Prepacked	18
Cake 150	Cake 150 Shot	1
Cake 165	Cake 165 Shot	1
Cake 35	Cake 35 Shot	4


Village of Cedar Rock
Lenoir, NC
Radius of 500 feet exceeds requirements set forth in NFPA 1123 for 5 inch shells.
Legend
Cedar Rock Country Club
Cedar Rock Estate Dr
DE Smith & Heart Peace Ministries
Cedar Rock Estate Dr
Lakeview Dr
Cedar Crest Dr
Stoney Brook Dr
Green Tee Dr
Mountain Cir Dr
Cedar Rock Estate Dr
Cedar Rock Country Club
500 Feet
Cedar Rock Estate Dr
Mountain Cir Dr
DE Smith & Heart Peace Ministries
Cedar Rock Estate Dr
Google Earth
N
900 ft



Changes in NCDOI Operator(s) and Assistant(s)

Should the assigned NCDOI Operator(s) and/or Assistant Operator(s) become unavailable for a display due to illness, work schedule, emergency, etc...Zambelli will assign an equally qualified NCDOI Operator(s) and/or Assistant Operator(s) who will carry with them evidence of their current licensing as provided by the NCDOI and will present such license to the AHJ upon request. Zambelli will also endeavor to notify all parties in the event any changes need to be made.

Holder's Full Name: Jerry Steven Zimmerman
Business Name: Zambelli Fireworks
Government ID By: North Carolina
Government ID Type: Driver License
ID Number: [redacted]



License Number: 3720
License Type: 1.3G Pyrotechnic
License Level: Operator
License Status: Valid
Expiration Date: 04/30/2028



License Number: 1888
License Type: 1.3G Pyrotechnic
License Level: Assistant
License Status: Superceded
Expiration Date: 06/29/2019

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: 01/06/2017 Revision: 01/06/2017

1 Identification

· **Product identifier** Fireworks, Division 1.3 Explosive

· **Trade name:**
Fireworks, Display

· **Product code:**
Fireworks, 1.3G UN0335

· **Recommended use and restriction on use**
· **Recommended use:** Explosive product for professional use for entertainment and technical purposes
· **Restrictions on use:** Contact manufacturer/supplier

· **Details of the supplier of the Safety Data Sheet**
· **Manufacturer/Supplier:**

Zambelli Fireworks Mfg.
20 South Mercer Street
New Castle, PA 16101

Phone: 724-658-6611
Fax: 724-658-8318

· **Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazard(s) identification

· **Classification of the substance or mixture**
Expl. 1.3 H203 Explosive; fire, blast or projection hazard.

· **Label elements**
· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms:**



GHS01

· **Signal word:** Danger
· **Hazard statements:**
H203 Explosive; fire, blast or projection hazard.
· **Precautionary statements:**
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P250 Do not subject to grinding/shock/friction.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P373 DO NOT fight fire when fire reaches explosives.
P370+P380 In case of fire: Evacuate area.
P372 Explosion risk in case of fire.

(Cont'd. on page 2)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: 01/06/2017 Revision: 01/06/2017

Trade name: Fireworks, Display

(Cont'd. of page 1)

P401 Store in accordance with local/regional/national/international regulations.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.
· **Explosive Product Notice**
PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES - The prevention of accidents in the use of explosives is a result of careful planning and observance of the best known practices. The explosives user must remember that he is dealing with a powerful force and that various devices and methods have been developed to assist him in directing this force. He should realize that this force, if misdirected, may either kill or injure both him and his fellow workers.

WARNING - All explosives are dangerous and must be carefully handled and used following approved safety procedures either by or under the direction of competent, experienced persons in accordance with all applicable federal, state, and local laws, regulations, or ordinances. If you have any questions or doubts as to how to use any explosive product, DO NOT USE IT before consulting with your supervisor, or the manufacturer, if you do not have a supervisor. If your supervisor has any questions or doubts, he should consult the manufacturer before use.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Components:**
Components for product possesing only physical hazards do not require reporting. These components are considered proprietary.

4 First-aid measures

· **Description of first aid measures**
· **General information:**
Information is only applicable to product contents, and not to product as normally supplied. This information is applicable to damaged, leaking, or spilled product as contact with contents is possible under these conditions.
· **After inhalation:** Supply fresh air; consult doctor in case of complaints.
· **After skin contact:**
Wash with soap and water.
In case of minor burns, flush with cool water.
If skin irritation is experienced, consult a doctor.
· **After eye contact:**
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:**
Unlikely route of exposure.
Do not induce vomiting; immediately call for medical help.

(Cont'd. on page 3)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: 01/06/2017 Revision: 01/06/2017

Trade name: Fireworks, Display

(Cont'd. of page 2)

· **Most important symptoms and effects, both acute and delayed:**
Blast injury if mishandled.
Thermal burns, if mishandled.
· **Danger:** Danger of blast or crush-type injuries.
· **Indication of any immediate medical attention and special treatment needed:**
Product may produce physical injury if mishandled. Treatment of these injuries should be based on the clinical presentation.

5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
DO NOT fight fire when fire reaches explosives.
Flood area with water. If no water is available, carbon dioxide, dry chemical or earth may be used. If the fire reaches the cargo, withdraw and let fire burn.
· **For safety reasons unsuitable extinguishing agents:** None.
· **Special hazards arising from the substance or mixture**
Explosive; fire, blast or projection hazard.
During heating or in case of fire poisonous gases are produced.
· **Advice for firefighters**
· **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
· **Additional information:**
Eliminate all ignition sources if safe to do so.
In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
Cool endangered receptacles with water spray.
Flammability Classification: (defined by 29 CFR 1910.1200) Explosive. Can explode under fire conditions. Individual devices will randomly explode. Mass explosion of multiple devices is possible under certain conditions. Burning material may produce toxic and irritating vapors. In unusual cases, shrapnel may be thrown from exploding devices under containment. See 2012 Emergency response Guidebook for further information.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Remove persons from danger area.
Ensure adequate ventilation.
Isolate area and prevent access.
· **Environmental precautions**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
· **Methods and material for containment and cleaning up**
Pick up mechanically.

(Cont'd. on page 4)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: 01/06/2017 Revision: 01/06/2017

Trade name: Fireworks, Display

(Cont'd. of page 3)

Send for recovery or disposal in suitable receptacles.

· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

· **Handling**
· **Precautions for safe handling:**
Handle with care. Avoid jolting, friction and impact.
Restrict the quantity stored at the work place.
Keep out of reach of children.
· **Information about protection against explosions and fires:**
In case of fire: Evacuate area.
Explosion risk in case of fire.
Keep away from sparks and open flames. - No smoking.
Emergency cooling must be available in case of nearby fire.

· **Conditions for safe storage, including any incompatibilities**
· **Storage**
· **Requirements to be met by storerooms and receptacles:**
Avoid storage near extreme heat, ignition sources or open flame.
· **Information about storage in one common storage facility:**
Store in accordance with local/regional/national/international regulations.
Store away from foodstuffs.
Store away from flammable substances.
· **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Store locked up.
· **Specific end use(s)** No relevant information available.

8 Exposure controls/personal protection

· **Control parameters**
· **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
· **Engineering controls:** Provide adequate ventilation.

(Cont'd. on page 5)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: 01/06/2017 Revision: 01/06/2017

Trade name: Fireworks, Display

(Cont'd. of page 4)

· **Breathing equipment:** Not required under normal conditions of use.
· **Protection of hands:** When needed, wear gloves for protection against mechanical hazards.
· **Eye protection:**



Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.
· **Body protection:** When needed, wear protective clothing for protection against mechanical hazards.
· **Limitation and supervision of exposure into the environment**
No relevant information available.
· **Risk management measures**
Organizational measures should be in place for all activities involving this product.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **Appearance:**	
Form:	Outer shell containing powder, granular, or solid materials.
Color:	According to product specification
· **Odor:**	Odorless
· **Odor threshold:**	Not determined.
· **pH-value:**	Not applicable.
· **Melting point/Melting range:**	Not determined.
· **Boiling point/Boiling range:**	Not determined.
· **Flash point:**	Not applicable.
· **Flammability (solid, gaseous):**	Fire or projection hazard.
· **Auto-ignition temperature:**	Not determined.
· **Decomposition temperature:**	Not determined.
· **Danger of explosion:**	Heating may cause an explosion.
· **Explosion limits**	
Lower:	Not determined.
Upper:	Not determined.
· **Vapor pressure:**	Not applicable.
· **Density:**	Not determined.
· **Relative density:**	Not determined.
· **Vapor density:**	Not applicable.
· **Evaporation rate:**	Not applicable.

(Cont'd. on page 6)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: 01/06/2017 Revision: 01/06/2017

Trade name: Fireworks, Display

(Cont'd. of page 5)

· **Solubility in / Miscibility with Water:**	Insoluble.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity**	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· **Other information**	No relevant information available.

10 Stability and reactivity

· **Reactivity:** No relevant information available.
· **Chemical stability:**
· **Thermal decomposition / conditions to be avoided:** Risk of explosion if heated under confinement.
· **Possibility of hazardous reactions**
Explosive; fire, blast or projection hazard.
Toxic fumes may be released if heated above the decomposition point.
Reacts with strong acids and alkali.
· **Conditions to avoid**
Excessive heat.
Sources of ignition: sparks, open flame, incompatible materials
· **Incompatible materials** Oxidizers, strong bases, strong acids
· **Hazardous decomposition products**
Carbon monoxide and carbon dioxide
Nitrogen oxides
Sulfur oxides (SOx)

11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**
· **LD/LC50 values that are relevant for classification:** None.
· **Primary irritant effect:**
· **On the skin:**
Not a skin irritant in unused form. Vapors/particles from used product are possibly irritating to skin.
· **On the eye:**
Not an eye irritant in unused form. Vapors/particles from used product are possibly irritating to eyes.
· **Sensitization:** Based on available data, the classification criteria are not met.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer):**
None of the ingredients are listed.

(Cont'd. on page 7)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: 01/06/2017 Revision: 01/06/2017

Trade name: Fireworks, Display

(Cont'd. of page 6)

· **NTP (National Toxicology Program):**
None of the ingredients are listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**
None of the ingredients are listed.

· **Probable route(s) of exposure:**
Skin contact.
Eye contact.
Inhalation.
· **Acute effects (acute toxicity, irritation and corrosivity):**
Danger of blast or crush-type injuries.
Risk of thermal burns.
· **Repeated dose toxicity:** From product as supplied: None.
· **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
· **Carcinogenicity:** Based on available data, the classification criteria are not met.
· **Reproductive toxicity:** Based on available data, the classification criteria are not met.
· **STOT-single exposure:** Based on available data, the classification criteria are not met.
· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
· **Aspiration hazard:** Based on available data, the classification criteria are not met.

12 Ecological information

· **Toxicity**
· **Aquatic toxicity** No relevant information available.
· **Persistence and degradability** No relevant information available.
· **Bioaccumulative potential:** May be accumulated in organism
· **Mobility in soil:** No relevant information available.
· **Other adverse effects** No relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Incinerate in accordance with local, state and federal regulations.
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

(Cont'd. on page 8)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: 01/06/2017 Revision: 01/06/2017

Trade name: Fireworks, Display

(Cont'd. of page 7)

· **Uncleaned packagings**
· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**	
· **DOT, ADR, IMDG**	UN0335
· **IATA**	FORBIDDEN
· **UN proper shipping name**	
· **DOT, ADR, IMDG**	Fireworks
· **IATA**	FORBIDDEN
· **Transport hazard class(es)**	
· **DOT**	
	
· **Class**	1.3
· **Label**	1.3G
· **ADR**	
	
· **Class**	1.3
· **Label**	1.3G
· **IMDG**	
	
· **Class**	1.1
· **Label**	1.3G
· **IATA**	
· **Class**	FORBIDDEN
· **Packing group**	
· **DOT**	II
· **Environmental hazards**	
· **Marine pollutant:**	No
· **Special precautions for user**	Not applicable.

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Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: 01/06/2017 Revision: 01/06/2017

Trade name: Fireworks, Display

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· **EMS Number:**	F-S,B-X
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **United States (USA)**
· **SARA**

· **Section 302 (extremely hazardous substances):**
None of the ingredients are listed.

· **Section 304 (emergency release notification):**
None of the ingredients are listed.

· **Section 355 (extremely hazardous substances):**
None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**
Contact manufacturer.

· **TSCA (Toxic Substances Control Act)**
All ingredients are listed.

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**
Contact manufacturer.

· **Chemicals known to cause reproductive toxicity for females:**
Contact manufacturer.

· **Chemicals known to cause reproductive toxicity for males:**
Contact manufacturer.

· **Chemicals known to cause developmental toxicity:**
Contact manufacturer.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency):**
None of the ingredients are listed.

· **IARC (International Agency for Research on Cancer):**
Contact manufacturer.

(Cont'd. on page 10)

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: 01/06/2017 Revision: 01/06/2017

Trade name: Fireworks, Display

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· **NIOSH-Ca (National Institute for Occupational Safety and Health):**
Contact manufacturer.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of preparation / last revision** 01/06/2017 / -

· **Abbreviations and acronyms:**
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
LDLo: Lowest Lethal Dose Observed
Expl. 1.3: Explosives – Division 1.3

· **Sources**
Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.
Safety Data Sheets, Individual Manufacturers

SDS Prepared by:
ChemTel Inc.
1305 North Florida Avenue
Tampa, Florida USA 33602-2902
Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
Website: www.chemtelinc.com

U.S. Department of Justice
Bureau of Alcohol, Tobacco, Firearms and Explosives

Federal Explosives License/Permit
(18 U.S.C. Chapter 40)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555), you may engage in the activity specified in this license or permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. **THIS LICENSE IS NOT TRANSFERABLE UNDER 27 CFR 555.53.** See "WARNINGS" and "NOTICES" on reverse.

Direct ATF Correspondence To	ATF - Chief, FELC 244 Needy Road Martinsburg, WV 25405-9431	License/Permit Number	**8-PA-019-20-7B-02043**
Chief, Federal Explosives Licensing Center (FELC)	Mama Howard	Expiration Date	**February 1, 2027**

Name
ZAMBELLI FIREWORKS MANUFACTURING CO

Premises Address (Changes? Notify the FELC at least 10 days before the move.)
280 EXECUTIVE DRIVE SUITE 100
CRANBERRY TOWNSHIP, PA 16066-

Type of License or Permit
20-MANUFACTURER OF EXPLOSIVES

Purchasing Certification Statement

The licensee or permittee named above shall use a copy of this license or permit to assist a transferor of explosives to verify the identity and the licensed status of the licensee or permittee as provided by 27 CFR Part 555. The signature on each copy must be an original signature. A faxed, scanned or e-mailed copy of the license or permit with a signature intended to be an original signature is acceptable. The signature must be that of the Federal Explosives Licensee (FEL) or a responsible person of the FEL. I certify that this is a true copy of a license or permit issued to the licensee or permittee named above to engage in the business or operations specified above under "Type of License or Permit."

George R Zambelli Jr MD — OWNER
Licensee Permittee Responsible Person Signature — Position Title

GEORGE R. ZAMBELLI JR. MD — 11/12/24
Printed Name — Date

Mailing Address (Changes? Notify the FELC of any changes.)

ZAMBELLI FIREWORKS MANUFACTURING CO
280 EXECUTIVE DRIVE SUITE 100
CRANBERRY TOWNSHIP, PA 16066-

Previous Edition is Obsolete — ZAMBELLI FIREWORKS MANUFACTURING CO 280 EXECUTIVE DRIVE SUITE 100 16066 8 PA 019 20 7B 02043 February 1, 2027 20 MANUFACTURER OF EXPLOSIVES

ATF Form 5400.14/5400.15 Part 1
Revised September 2011

Federal Explosives License (FEL) Customer Service Information

Federal Explosives Licensing Center (FELC)
244 Needy Road
Martinsburg, WV 25405-9431

Toll-free Telephone Number: (877) 283-3352
Fax Number: (304) 616-4401
E-mail: FELC@atf.gov

ATF Homepage: www.atf.gov

Change of Address *(27 CFR 555.54(a)(1))*. Licensees or permittees may during the term of their current license or permit remove their business or operations to a new location at which they intend regularly to carry on such business or operations. The licensee or permittee is required to give notification of the new location of the business or operations not less than 10 days prior to such removal with the Chief, Federal Explosives Licensing Center. The license or permit will be valid for the remainder of the term of the original license or permit. **(The Chief, FELC, shall, if the licensee or permittee is not qualified, refer the request for amended license or permit to the Director of Industry Operations for denial in accordance with § 555.54.)**

Right of Succession *(27 CFR 555.59)*. (a) Certain persons other than the licensee or permittee may secure the right to carry on the same explosive materials business or operations at the same address shown on, and for the remainder of the term of, a current license or permit. Such persons are: (1) The surviving spouse or child, or executor, administrator, or other legal representative of a deceased licensee or permittee; and (2) A receiver or trustee in bankruptcy, or an assignee for benefit of creditors. (b) In order to secure the right provided by this section, the person or persons continuing the business or operations shall furnish the license or permit for for that business or operations for endorsement of such succession to the Chief, FELC, within 30 days from the date on which the successor begins to carry on the business or operations.

(Continued on reverse side)

Cut Here ✂

Federal Explosives License/Permit (FEL) Information Card

License Permit Name: **ZAMBELLI FIREWORKS MANUFACTURING CO**

Business Name:

License Permit Number: **8-PA-019-20-7B-02043**

License Permit Type: **20-MANUFACTURER OF EXPLOSIVES**

Expiration: **February 1, 2027**

Please Note: Not Valid for the Sale or Other Disposition of Explosives.