



Safety Data Sheet (SDS)

Sample Name: Please refer to next page(s).

Customer Name : Zhangzhou Top Brite Industry Trade Co.,Ltd

Customer Address : No. 23-5, Long Chi Street, Jiao Mei Town, Zhangzhou Taiwanese Investment Zone, Fujian Province, China

WRITTEN BY

Zoey Zhang

Zoey Zhang

REVIEWED BY

Kira Fu

Kira Fu

Soar Testing Certification
(GuangDong) Co.,Ltd.

APPROVED BY

Eric Wu Frank Wu

Eric Wu Frank Wu
Approved signatory

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: http://www.soartestlab.com



Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Sample Name: Please refer to next page(s).

Customer: Zhangzhou Top Brite Industry Trade Co.,Ltd

Customer Address: No. 23-5, Long Chi Street, Jiao Mei Town, Zhangzhou Taiwanese Investment Zone, Fujian Province, China

Tel.: 0086-596-6783101

Emergency Tel.: 0086-596-6783101

Section 2 - Hazards Identification

GHS Classification: Flammable Liquid – Category 4.

Signal Word: Warning.

Hazard Statement: "Combustible liquid" (H227).

Precautionary Statements: Prevention: Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Wear protective gloves/eye protection.

Response: In case of fire, use appropriate extinguishing media (e.g., dry chemical, CO₂).

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container in accordance with local regulations.

Pictogram: None required for Category 4.






Other Hazards: May cause irritation or environmental risks depending on the specific chemical.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

**Section 3 –Composition/Information on Ingredient**Pure Admixture

Composition:

No.1 Sample Name: Aqua Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 110904-87-5	9, 10-Bis(4-methoxyphenyl)-2-chloroanthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.098%
CAS: 10075-85-1	9,10-Bis(phenylvinyl)anthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.022%

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.





Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: <http://www.soartestlab.com>

**No.2 Sample Name:** Blue Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 110904-87-5	9, 10-Bis(4-methoxyphenyl)-2-chloroanthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.12%

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.





Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com





Website: <http://www.soartestlab.com>

No.3 Sample Name: Green Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 10075-85-1	9,10-Bis(phenylvinyl)anthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.12%






Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

No.4 Sample Name: Orange Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 82953-57-9	N,N'-bis-(2,6-Diisopropylphenyl)-3,4,9,10-tetracarboxdiimide  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.12%





Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

No.5 Sample Name: Pink Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 110904-87-5	9, 10-Bis(4-methoxyphenyl)-2-chloroanthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.098%
CAS: 123174-58-3	N,N'-Bis (2,6-diisopropylphenyl)-1, 6, 7, 12-tetraphenoxyperylene-3,4: 9,10-tetracarboxdiimide  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.022%





Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

**No.6 Sample Name:** Purple Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011--6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	Tributyl O-acetylcitrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 1499-10-1	9,10-Diphenylanthracene	0.098%
CAS: 123174-58-3	N,N'-Bis (2,6-diisopropylphenyl)-1, 6, 7, 12-tetraphenoxyperylene-3,4: 9,10-tetracarboxdiimide  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.022%






Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

No.7 Sample Name: Red Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 123174-58-3	N,N'-Bis (2,6-diisopropylphenyl)-1, 6, 7, 12-tetraphenoxyperylene-3,4: 9,10-tetracarboxdiimide  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.12%

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

No.8 Sample Name: White Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 110904-87-5	9, 10-Bis(4-methoxyphenyl)-2-chloroanthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.098%
CAS: 41105-35-5	1-Chloro-9,10-bis(phenylethynyl)anthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.011%
CAS: 82953-57-9	Anthra[2,1,9-def:6,5,10-d'e'f]diisoquinoline-1,3,8,10(2H,9H)-tetrone, 2,9-bis[2,6-bis(1-methylethyl)phenyl]	0.011%

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.





Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: http://www.soartestlab.com

**No.9 Sample Name:** Yellow Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 41105-35-5	1-Chloro-9,10-bis(phenylethynyl)anthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.12%

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.



Section 4 - First Aid Measures

Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth with water.

Never give anything by mouth to an unconscious person. Call for a doctor immediately.

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

Section 5 - Fire Fighting Measures

Danger characteristic: In open flame, high heat combustible.

Hazardous combustion products: CO, CO₂, smoke

Fire-Fighting method & media: The staff must equip with filtermask (full mask) or isolated breathing apparatus.

The staff must wear the clothes which can defense the fire and the toxic gas. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible. Spray water on the containers in the fireplace to keep them cool until finish extinguishment. Media: hazy water, foam, powder, CO₂, sandy clay.

Section 6 –Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Keep away from ignition sources.

Use respiratory protective device against the effects of fumes/dust/aerosol. Avoid contact with eyes.

Avoid contact with skin.

Environmental precautions: Do not allow to enter sewers/ surface or ground water.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.

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.

Section 7 - Handling and Storage

Handling: Supply with sufficient partial air exhaust. Keep receptacles tightly sealed. Keep away from heat and direct sunlight. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear self-contained breathing dust respirator, protective gloves, and working clothes. Keep away from fire and heating sources. No smoking in the workplace. Prevent formation of aerosols. Avoid contact with skin and eyes. Prevent contacting with oxidizer and acid. Equip with relevant types and quantities of the extinguishment instruments and devices for divulgence handling.

Storage: Stored in dry place And well packed, damp proof, natural ventilation. Store away from foodstuffs. Do not store together with oxidising and acidic materials. Keep away from fire and heating sources. Equip with relevant types and quantities of the extinguishment instruments.

Section 8 - Exposure Controls, Personal Protection

Maximum admissible concentration: No standard yet

Monitoring Method: None.

Engineering Control: To supply with sufficient air exhaust.

Respiratory Protection: When the concentration in the air exceeds the standard, it is recommended to wear self-priming filter dust mask. Emergency rescue or evacuation, air breathing apparatus should be worn.

Eyes Protection: Wear Tightly sealed goggles.



Hands Protection: Wear rubber and oil resistant gloves.



Body Protection: Wear protective overalls.

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene. Maintain good hygiene. Provide shower and eyewash facilities.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.



Section 9 - Physical and Chemical Properties

Appearance: Liquid.

Color: Aqua, Blue, Green, Orange, Pink, Purple, Red, White, Yellow .

Odour: Odourless.

Chemical properties: Preparation

Odour threshold: Data not available

pH - value: Data not available

Change in condition

Melting point/freezing point: Data not available

Initial boiling point and boiling range: Data not available

Freezing point: Data not available

Flash point: Above 60°C

Flammability (solid, gas): Not available

Auto-ignition temperature: Data not available

Decomposition temperature: Data not available

Self-igniting: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower: Data not available

Upper: Data not available

Oxidising properties: Data not available

Vapour pressure: Data not available

Density: Data not available

Relative density: Data not available

Vapour density: Data not available

Evaporation rate: Data not available

Solubility in / Miscibility with water: Data not available

Partition coefficient: n-octanol/water: Data not available

Viscosity:

Dynamic: Data not available

Kinematic: Data not available

Other information: No further relevant information available

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.



Section 10 - Stability and Reactivity

Stability: Stable under normal temperature and pressure.

Distribution of Ban: Strong oxidizer, strong acid.

Conditions to Avoid: Fire, high temperature.

Hazardous Polymerization: None.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 - Toxicological Information

Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:		
131-11-3 dimethyl phthalate		
Oral	LD50	6800 mg/kg (rat)
Dermal	LD50	> 23800 mg/kg (rabbit)
7722-84-1 hydrogen peroxide		
Oral	LD50	376 mg/kg (rat)
Dermal	LD50	3000 mg/kg (rat)
Inhalative	LC50/4 h	2 mg/l (rat)

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available, 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.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.



Section 12 - Ecological Information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Result of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

Additional ecological information:

General notes:

Water hazard less 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Section 13 - Disposal Considerations

Nature of waste: This product is not regarded as hazardous waste, as defined by US occupational safety and health administration (OSHA) hazard transfer standard HCS/HazCom 2012 Final Rule Appendices.

Waste disposal methods: Refer to National or Local regulations before handling.

Attention abandoned: Do not dispose of this product by discharging it into the sewer.

Section 14 - Transport Information

UN-Number	Not applicable
ADR/RID/ADN, IMGD, IATA	
UN proper shipping name	Not applicable
ADR/RID/ADN, IMGD, IATA	
Transport hazard class(es)	Not applicable
ADR/RID/ADN, IMGD, IATA Class	
Packing group	Not applicable
ADR/RID/ADN, IMGD, IATA	

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.



Environmental hazards	Not applicable
Special precautions for user	Not applicable
Transport in bulk according to Annex II of Marpol and the IBC code	Not applicable
Transport/Additional information:	Not dangerous according to the above specifications.

Transport fashion: By air, sea, rail,highway.

Transport Attentions: Examine whether the package of the containers are integrated or not before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer and strong acid. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and fire source.

Section 15 - Regulatory Information

Regulatory Information: ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

US occupational safety and health administration (OSHA) hazard transfer standard HCS/HazCom 2012 Final Rule Appendices, and Comparison Documents.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: <http://www.soartestlab.com>



Section 16 - Additional Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier, nor any its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMGD: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very persistent and very Bioaccumulative

Remark: The evaluation report is based on official website data and customer supply information, only for customer research, teaching, internal quality control, product development and other purposes, for reference only.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

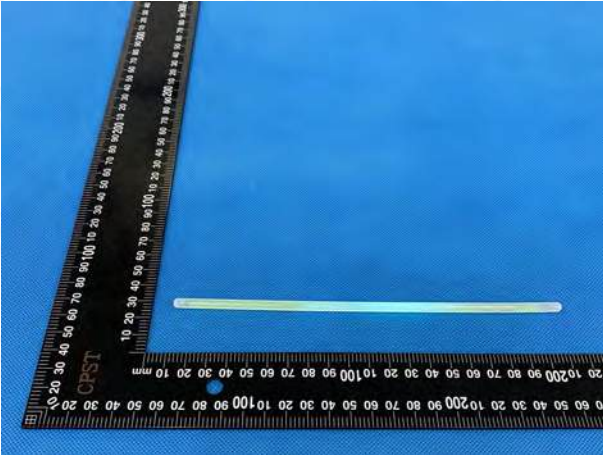
Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

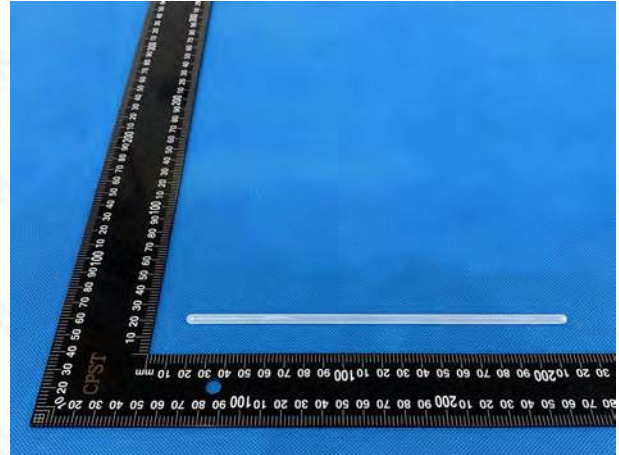
Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: <http://www.soartestlab.com>

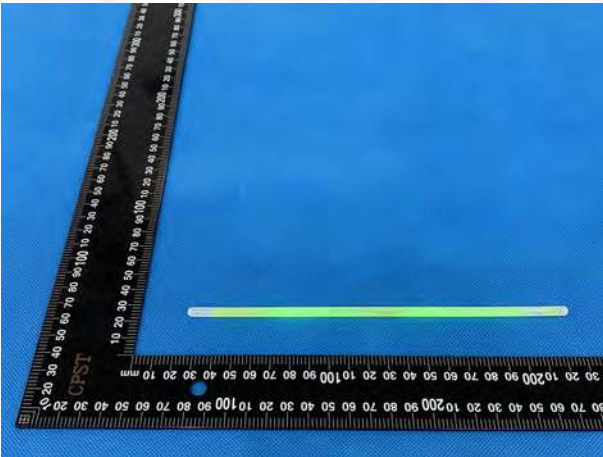
Photo of the Sample:



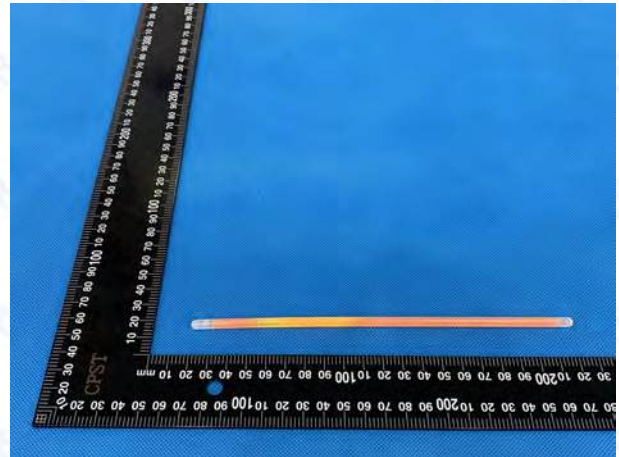
No.1



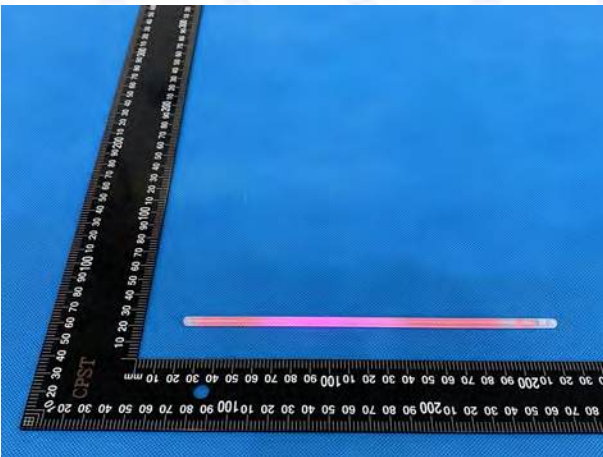
No.2



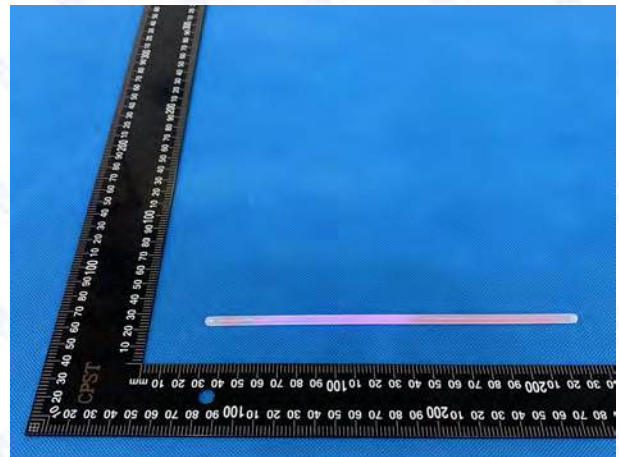
No.3



No.4

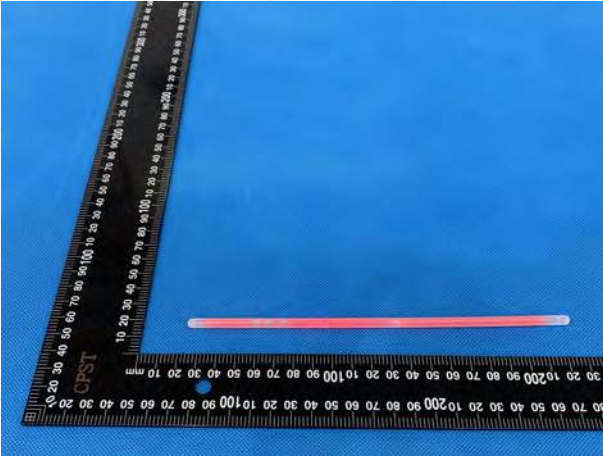


No.5

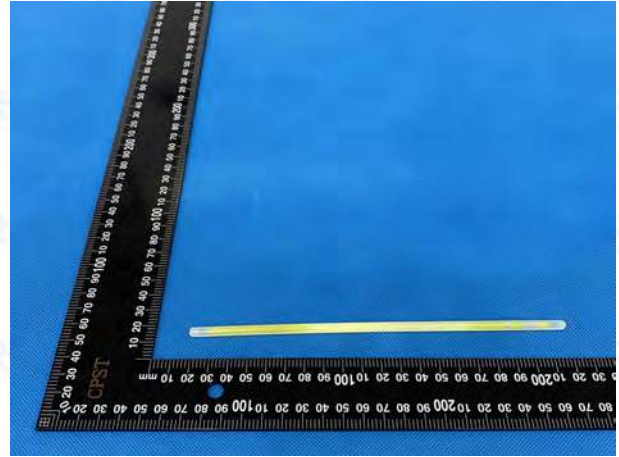


No.6

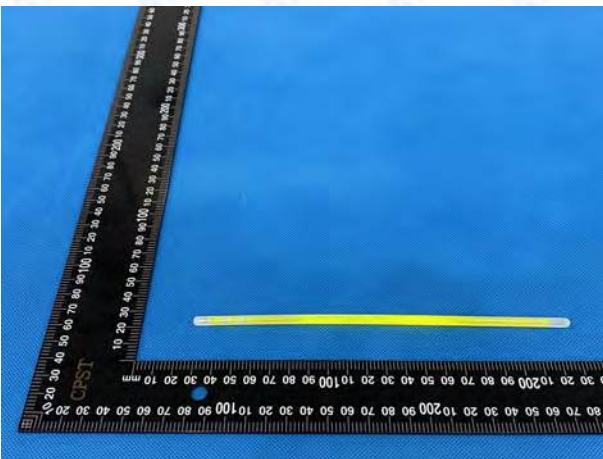
Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.



No.7



No.8



No.9

The photo is for use with SOAR original report only.

*** End of Report ***

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: <http://www.soartestlab.com>