



# MSDS

Report No.: HLF22003654E

Report Date: Mar 31, 2022

Page: 1 of 9

## Material Safety Data Sheet (MSDS)

**Samples Name:** Repair guy point drilling glue

**Model:** Repair guy point drilling glue

**Item Number:** /

**Client Name:** Shenzhen Wawes Electronic Technology Co. Ltd

**Address:** 2/F, Block A, Lianfa Building ,45 Gangde Road, Baolong Street, Longgang District, Shenzhen

**Post Code:** /

Reviewed by:

Lab Senior Engineer

Authorized Signature:

Technology Manager

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected, tested and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be entirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.



**FLION TESTING TECHNOLOGIES**

Add: Gangzi Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Bao'an District, Shenzhen City

Tel : 86-0755-2724 8885

Fax : 86-0755-2746 0090

Http://www.cnfft.com

## Section 1 - Chemical Product and Company Identification

**Product Name:** See paragraph 3 for details

**Manufacture:** Shenzhen Wawes Electronic Technology Co. Ltd

**Address:** 2/F, Block A, Lianfa Building ,45 Gangde Road, Baolong Street, Longgang District, Shenzhen

**Contact Person:** Meng Richuang

**Tel:** 18948300116

**Fax:** /

**Email:** 2836152436@qq.com

## Section 2 - Hazards Identification

**Fatalness grade:**

GHS risk category:

Flammable liquid Class 2

Severe eye injury/eye irritation Category 2

Specific target organ toxicity one contact class 3

**GHS label elements, including precautionary statements**



Pictogram(s)

Signal word Danger

Hazard statement(s)

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

Precautionary statement(s)

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected, tested and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be entirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.

**FLION TESTING TECHNOLOGIES**

Add : Gangzi Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Bao'an District, Shenzhen City

Tel : 86-0755-2724 8885

Fax : 86-0755-2746 0090

Http://www.cnfft.com





# MSDS

**Report No.:** HLF22003654E

**Report Date:** Mar 31, 2022

**Page:** 3 of 9

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

P264 Wash ... thoroughly after handling.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

## Response

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].

P370+P378 In case of fire: Use ... to extinguish.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P319 Get medical help if you feel unwell.

## Storage

P403+P235 Store in a well-ventilated place. Keep cool.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

**Invasion route:** Inhalation, ingestion, percutaneous absorption

**Health hazards:** No known significant effects or critical hazards

**Environment hazards:** No known significant effects or critical hazards

**Burn & burst danger:** This product doesn't burn

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected, tested and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be entirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.



**FLION TESTING TECHNOLOGIES**

Add: Gangzi Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Bao'an District, Shenzhen City

Tel : 86-0755-2724 8885

Fax : 86-0755-2746 0090

Http://www.cnfft.com

## Section 3 –Composition/Information on Ingredient

Pure

Admixture ☒

Composition:

Chemical name	The molecular formula	Molecular weight	Component ratio (%)	CAS.	EC.
Zinc benzenesulfinate dihydrate	C <sub>12</sub> H <sub>14</sub> O <sub>6</sub> S <sub>2</sub> Zn	383	1.2-1.6	24308-84-7	246-148-1
Sodium octylphenoxyethoxy ethyl sulfonate	C <sub>18</sub> H <sub>29</sub> NaO <sub>5</sub> S	380	0.5-1.5	3013-94-3	3013-94-3
2,2-Bis[[3-(dodecylthio)-1-oxopropoxy]methyl]propane-1,3-diyl bis[3-(dodecylthio)propionate]	C <sub>65</sub> H <sub>124</sub> O <sub>8</sub> S <sub>4</sub>	1161	0.2-0.5	29598-76-3	249-720-9
Dimethyl octadecyl hydroxy ethyl ammonium nitrate	C <sub>22</sub> H <sub>49</sub> N <sub>2</sub> O <sub>4</sub>	405	0.1-0.2	86443-82-5	--
Gum rosin	C <sub>20</sub> H <sub>30</sub> O <sub>2</sub>	302.5	20.-6.0	8050-09-7	232-475-7
Nickel dibutyldithiocarbamate	C <sub>18</sub> H <sub>36</sub> N <sub>2</sub> NiS <sub>4</sub>	467	1.5-3.5	13927-77-0	237-696-2
Ethyl Alcohol	C <sub>2</sub> H <sub>6</sub> O	46	11.9	64-17-5	200-578-6
Isopropanol	C <sub>3</sub> H <sub>8</sub> O	60	15	67-63-0	200-661-7

## Section 4 - First Aid Measures

**Skin touch:** Wash with soap and water, such as pain, timely medical treatment

**Eyes touch:** Immediately filed eyelid, flush with plenty of water for at least 10 minutes of flow. If there is pain,

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected, tested and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be entirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.

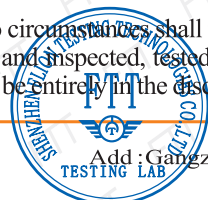
FLION TESTING TECHNOLOGIES

Add : Gangzi Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Bao'an District, Shenzhen City

Tel : 86-0755-2724 8885

Fax : 86-0755-2746 0090

Http://www.cnfft.com





# MSDS

Report No.: HLF22003654E

Report Date: Mar 31, 2022

Page: 5 of 9

treatment

**Inhalation:** Let the victim drink plenty of water, such as gastrointestinal discomfort aggravating, timely medical treatment

**Ingestion:** If swallowed, it thoroughly with water gargle, medical treatment

## Section 5 - Fire Fighting Measures Danger

**Characteristic:** This product doesn't burn

**Hazardous combustion products:** No

**Fire-Fighting method & media:** No

**Firefighters special protective equipment:** No

## Section 6 –Accidental Release Measures

**Emergency treatment:** It is suggested that the staff wear dust respirator and dress in work clothes. Shut off the divulgence source as soon as possible. Prevent the spillage flowing into restrictive space like the sewer and the drainage channel. Small amount of divulgence: clean off. Massive divulgence: recycle or transport to waste treatment place for handling..

## Section 7 - Handling and Storage

**Handling:.** Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear respirator, wear work clothes, and wear gloves. Keep away from the fire source, heat source, no smoking in the work place. Avoid producing dust. Use explosion-proof type ventilation system and device. Avoid contacting with oxidizer and strong acid. Equip with relevant types and quantities of extinguishment instruments and device for divulgence handling. Empty the container which may include harmful material

**Storage:** Stored in a cool, ventilation of the treasury. Away from fire, heat source. With the oxidant and acid stored separately, avoid mixing reservoir. Equipped with the appropriate variety and quantity of fire equipment. Storage areas should be equipped with emergency treatment equipment for leakage and suitable housing materials.

## Section 8 - Exposure Controls, Personal Protection

**Maximum admissible concentration:** No standard yet..

**Monitoring Method:** /

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected, tested and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be entirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.



FLION TESTING TECHNOLOGIES

Add: Gangzi Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Bao'an District, Shenzhen City

Tel : 86-0755-2724 8885

Fax : 86-0755-2746 0090

Http://www.cnfft.com





# MSDS

Report No.: HLF22003654E

Report Date: Mar 31, 2022

Page: 6 of 9

**Engineering Control:** Closed operation, local exhaust. Safety shower and eyewash equipment

**Respiratory Protection:** High dust concentration in air, it is recommended to wear self absorption filter anti-dust masks.

**Eyes Protection:** Protection is the respiratory system.

**Body Protection:** Wear ordinary work clothes

**Hands Protection:** Do not need special protection.

**Other Protections:** No smoking, dining and drinking water in the workplace. Keep good habit of hygiene

## Section 9 - Physical and Chemical Properties

**Appearance:** Paste

**Color:** Pale yellow/transparent/white

**Odor:** /

**Packing density:** /

**Boiling Point:** /

**Melting Point:** /

**Flashpoint:** /

**Vapour pressure:** No data.

**Solubility in water:** Insoluble in water

**Partition coefficient (n-octanol / water):** No data.

**Viscosity:** Not applicable

**PH Value:** /

**Permission of solvent inhalation:** No data.

**Solubility:** Insoluble in water

**Ignition temperature:** No data

## Section 10 - Stability and Reactivity

**Stability:** Stable under normal temperature and pressure.

**Distribution of Ban:** Strong oxidizer, strong acid.

**Conditions to Avoid:** Not applicable.

**Hazardous Polymerization:** No data

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

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected, tested and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be entirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.



FLION TESTING TECHNOLOGIES

Add: Gangzi Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Bao'an District, Shenzhen City

Tel : 86-0755-2724 8885

Fax : 86-0755-2746 0090

Http://www.cnfft.com



# MSDS

Report No.: HLF22003654E

Report Date: Mar 31, 2022

Page: 7 of 9

## Section 11 - Toxicological Information

**Acute Toxicity:** No data.

**Sub-acute and Chronic Toxicity:** No data.

**Irritation:** Skin irritation varies widely from person to person.

**Sensitization:** No data.

**Mutagenicity:** No data.

**Carcinogenicity:** No data.

**Others:** / .

## Section 12 - Ecological Information

**Eco-toxicity:** No known significant effects or critical hazards.

**Biodegradable:** No applicable.

**Non-biodegradable:** No applicable.

**Bioconcentration or biological accumulation:** No applicable.

**Other harmful effects:** No known significant effects or critical hazards.

## Section 13 - Disposal Considerations

**Waste disposal method:** No unified national regulations on the remnants of the disposal of chemicals, chemical residues in general do special waste. Refer to the national and local relevant regulations should be prior to disposal. Suggest that contact the local qualified waste disposal companies, processing according to their opinions

## Section 14 - Transport Information

**Number of dangerous goods:** No applicable.

**UN Number:** 1219

**Packaging Mark:** According to customer requirements

**Packaging Method:** Disposal of the former should refer to the national and local relevant regulations. Methods to deal with pollutants buried outside pollution packaging. If no special requirements, not contaminated packaging can be treated or recycling of household waste

**Transport Attentions:** Examine whether the package of the containers are integrate and tighten closed before

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected, tested and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be entirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.



FLION TESTING TECHNOLOGIES

Add: Gangzi Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Bao'an District, Shenzhen City

Tel : 86-0755-2724 8885

Fax : 86-0755-2746 0090

Http://www.cnfft.com

transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer, acid and so on. 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. Don't use device and tools which can easily produce spark for loading. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and fire source. Under the condition of Road Transportation, the driver should drive in accordance with regulated route, don't stop over in the residential area and congested area. No slipping up in rail road. According to the IMDG Code (inc Amdt 34-08) 2008 Edition, The sample is not regulated for transport of dangerous goods.

## Section 15 - Regulatory Information

### Regulatory Information:

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

Regulation (EC) No.1272/2008 Classification, Labeling and Packaging of Substances and Mixtures.

The International Maritime Dangerous Goods (IMDG) Code.

## Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected, tested and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be entirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.



**FLION TESTING TECHNOLOGIES**

Add: Gangzi Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Bao'an District, Shenzhen City

Tel : 86-0755-2724 8885

Fax : 86-0755-2746 0090

Http://www.cnfft.com



**Note:**

- Photo is included

**Photograph of Sample**



\*\*\*\*\*End of MSDS\*\*\*\*\*

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected, tested and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be entirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.



**FLION TESTING TECHNOLOGIES**

Add : Gangzi Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Bao'an District, Shenzhen City

Tel : 86-0755-2724 8885

Fax : 86-0755-2746 0090

Http://www.cnfft.com