

MSDS was prepared by:-



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MATERIAL SAFETY DATA SHEET

Section 1 – Chemical Product and Company Identification

Product name: Shooting Nail

Malaysia Importer: Haihang Instrument & Devices (002582763 - T)

Address: No 15, Jalan 11/108C, Taman Sungai Besi,
Kuala Lumpur

Zip code: 57100

Tel: +63-7981 5505

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Information in case of emergency

Contact person: Andy Ng

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Manufacture: Luzhou Qiye Fastening Devices Co.,Ltd

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Section 2 – Hazards Identification

Nail has no risk of spontaneous combustion blew at room temperature. Keep away from heat. The various components of shrapnel are completely sealed within a cartridge. Under normal handling of this product no exposure to any harmful materials will occur. However, when the product is fired a small amount of particles containing trace amounts of harmful substances may be produced. These particles could result in the health hazards listed below, avoid inhalation.

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008[EU-GHS/CLP]

Physical Hazards: Flammable Solid Category 1

Health Hazards: Acute Toxicity, Inhalation Category 4
Skin Corrosion/Irritation Category 3
Serious Eye Damage/Irritation Category 2B

Label elements

Labelling according to Regulation (EC) No 1272/2008:

Hazard pictograms:



Signal word: Warning

Hazard statement: Fire or projection hazard.
Flammable solid.
May intensify fire; oxidizer.
Harmful if inhaled.
Causes mild skin irritation.
Causes eye irritation.
May cause respiratory irritation.

Precautionary statements(s)

Prevention: Obtain special instruction for use. Do not handle until all safety precautions have been read and understood. Do not subject to

grinding, shock, or friction. Keep away from heat/sparks/open flame/hot surfaces. No Smoking. Keep cool. Wear protective gloves/protective clothing/eye protection/face protection. Do not breath mist or vapor. Use only outdoors or in well-ventilated area. In case of inadequate ventilation wear respiratory protection. Wash thoroughly after handling. Avoid release to the environment.

Response: If exposed or concerned: Call a poison center/doctor. If inhaled: Remove victim to fresh air and keep in a rest position comfortable for breathing. If experiencing respiratory symptoms: Call center/doctor. If swallowed: Do NOT include vomiting. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before re-use. If in eyes: Rinse cautiously with water for several minutes. Remove contact lens, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

Storage Store locked up. Store in a well-ventilated place. Protect from sunlight.

Dispose: Dispose of contents/container in accordance with local/regional/national regulations

Other hazards: Not applicable

Section 3 – Composition/information on Ingredient

Chemical Name	CAS No.	Content(%)
Water	7732-18-5	0.5
Ethyl cellulose	9004-57-3	0.5
Diphenylamine	122-39-4	1.5
Nitrocellulose	9004-70-0	97.5

Section 4 – First Aid Measures

Skin contact:	Remove immediately any soiled or soaked clothing. Wash Skin with plenty of water and soap.
Eyes Contact:	Wash open eyes immediately, abundantly and consult a doctor if needed.
Inhalation:	Remove from exposure and move to fresh air immediately. Use oxygen if available. Get medical aid.
Ingestion:	Do NOT include vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5 – Fire Fighting Measure

Suitable Extinguishing Media:	Flood area with water. If no water is available, carbon dioxide, dry chemical may be used.
Special hazards arising from The chemical:	If this product is involved in a fire, the following can be released: Nitrogen oxides, carbon monoxide, carbon dioxide.
Special protective Equipment for firefighters:	Wear full protective equipment.

Section 6 – Accidental Release Measure

Personal precautions, Protective equipment and Emergency procedure:	Keep unnecessary personnel away. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental precautions:	Avoid release to the environment. Contact local authorities in case of spillage to drain/ aquatic environment. Prevent further leakage or spillage if safe to do so.
Methods and materials for	Spills of this material should be handled carefully. Do not subject

Containment and cleaning up: materials to mechanical shock.

Section 7 – Handling and Storage

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid direct contact with heat and ignition sources. Avoid prolonged skin contact, contact with eyes, and ingestion. It is recommended that product is used in well ventilated areas. Wash hands before eating, drinking and/or smoking. No smoking or open flames should be in thin vicinity of the product. Provide for appropriate exhaust ventilation and dust collection at machinery. Avoid dust formation.

Storage: Store in accordance with local/regional/national/international regulations and standards codes. Store in a cool, well- ventilated area with the lid tightly sealed when not in use. Keep away from heat and direct sunlight. Keep away from children. Ensure good ventilation at the workplace. Keep ignition sources away – Do not smoke. Prevent impact and friction. Protect from dampness and humidity.

Section 8 – Exposure Controls, Personal Protection

Maximum admissible concentration

Ingredients with limit values that require monitoring at the workplace :

Component	OSHA(PEL)	ACGIH(TLV)	NIOSH
Nitrocellulose	5 mg/m ³ (respirable)	N/E	5 mg/m ³ (respirable)
(CAS 9004-70-0)	15 mg/m ³ (total dust)		10 mg/m ³ (total dust)

Monitoring Method:	Data not available.
Engineering Control:	Supply with partial air exhaust.
Respiratory Protection:	Wear self-inhalation filtertype dust respirator if the dust density exceed in the air.
Personal Protective Equipment:	
Eyes Protection:	Wear chemical safety goggles or face shield.
Body Protection:	Wear impervious gloves resistance to solvents.
Hands Protection:	Wear impervious gloves resistance to solvents.
Other Protections:	Clean and replace clothing after finishing work. It should wash hands and face with soap and clean water. The workplace must be strictly prohibited to fireworks and food. Pay attention to personal hygiene.

Section 9 – Physical and Chemical Properties

Appearance	Solid.
Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial Boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability	Not available.
Upper explosive limit %(V/V)	Not available.
Lower Explosive limit %(V/V)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Not available.
Partition Coefficient: n-octanol/water	Not available.

Section 10 – Stability and Reactivity

Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Stability:	Stable under normal temperature and pressure
Distribution of Ban:	Acids, strong oxidizers, caustics.
Conditions to Avoid:	Avoid all possible sources if ignition. Avoid mechanical shock.
Hazardous Decomposition Products:	Nitrogen oxides, carbon monoxide, carbon dioxide.
Hazardous Polymerization:	No data.

Section 11 – Toxicological Information

Acute Toxicity:	
Nitrocellulose (CAS 99004-70-0)	
Acute, Oral, LD50, Rat > 5g/kg	
Sub-acute and Chronic Toxicity:	No known significant effects or critical hazards.
Skin corrosion/irritation:	No known significant effects or critical hazards.
Serious eye damage/eye irritation:	No known significant effects or critical hazards.
Sensitization:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.
Carcinogenicity:	No known significant effects or critical hazards.
Others:	No data available.

Section 12 – Ecological Information

Ecotoxicity:

Haihang Instrument & Devices (002582763 - T) , CV 2584

Nitrocellulose (CAS 9004-07-0)

Aquatic, LC50 Fish, Invertebrates, Algae > 1000 mg/l

Biodegradable: No known significant effects or critical hazards.
Non-biodegradable: No known significant effects or critical hazards.
Bioconcentration or biological accumulation: Not expected to bioaccumulate.
Other harmful effects: No.

Section 13 – Disposal Consideration

Waste information: Hand over to disposers of hazardous waste. Must be specially treated under adherence to official regulations. Consult state, local or national regulations for proper disposal.

Disposal notice: Disposal area must comply with the environment and national safety standard.

Section 14 – Transport Information

UN Number: UN 0014
ADR, IMDG, IATA

UN proper shipping name: Cartridges for weapons, blank
ADR, IMDG, IATA

Transport hazard class(es): 1.4S
ADR, IMDG, IATA

Packing group: II
ADR, IMDG, IATA

Environmental hazards: No.

Special precautions for user: No information available.

This material safety data sheet complies with the requirements of Regulation (EC) No 1272/2008[CLP]

Safety, health and environment regulations/ legislations/ specific for the substance or mixture
No information available.

Section 15 – Regulatory Information

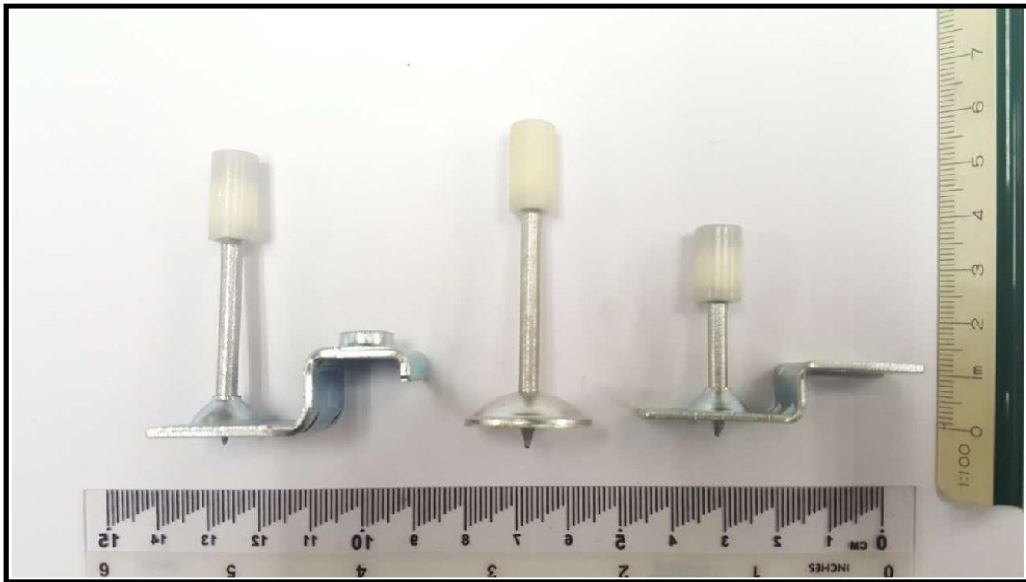
Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Section 16 – Additional Information

MSDS Creation Date: 20TH Sept 2016 based on ICTS Report No ICTS20160606E/02
This MSDS was prepared sincerely on the basis of the information from ICTS Report No ICTS20160606E/02 , however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. Products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of “having unknown hazards and toxicity”, which differ greatly depending on the conditions and handling when in use and/or the condition or duration of storage. The product must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user’s own responsibility.





Products Photo

IMPORTANT:

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END OF REPORT