



MSDS Report

Date: Aug. 5, 2021

Report No.: ENC2108050GZ42E1

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Product Name: Tattoo needle/cartridge

Model: 1RL, 3RL, 5RL, 7RL, 9RL, 11RL, 14RL, 3RLT, 5RLT, 7RLT, 9RLT, 11RLT, 14RLT, 3RLB, 5RLB, 7RLB, 9RLB, 6HRL, 7HRL, 8HRL, 10HRL, 3RS, 5RS, 7RS, 9RS, 11RS, 14RS, 5M, 7M, 9M, 11M, 13M, 15M, 17M, 21M, 23M, 25M, 27M, 5RM, 7RM, 9RM, 11RM, 13RM, 15RM, 17RM, 21RM, 23RM, 25RM, 27RM, 5M-T, 7M-T, 9M-T, 11M-T, 13M-T, 15M-T, 5RM-T, 7RM-T, 9RM-T, 11RM-T, 13RM-T, 15RM-T

Brand: Mast, Dragonhawk

Applicant: Shijiazhuang Dragonhawk Industry Co.,Ltd

Address: 1-1-3101, The Milestone of Peak, Tanan Road, Yuhua District, Shijiazhuang City, Hebei Province, China

Manufacturer: Shijiazhuang Dragonhawk Industry Co.,Ltd

Address: Cang Xing Street South, Cang Sheng Road No.1 Third Floor East, Yuhua District, Shijiazhuang City, Hebei Province, China

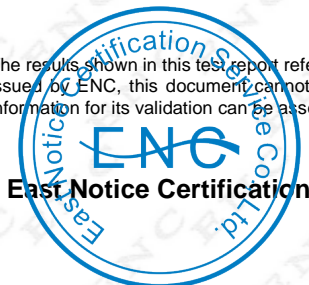

Ray Zhou / General Manager

Prepared By

East Notice Certification Service Co., Ltd.

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MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1 – PRODUCT AND MANUFACTURER INFORMATION

1.1 GHS product identifier

Product Name: Tattoo needle/cartridge

1.2 Other means of identification

Model: 1RL, 3RL, 5RL, 7RL, 9RL, 11RL, 14RL, 3RLT, 5RLT, 7RLT, 9RLT, 11RLT, 14RLT, 3RLB, 5RLB, 7RLB, 9RLB, 6HRL, 7HRL, 8HRL, 10HRL, 3RS, 5RS, 7RS, 9RS, 11RS, 14RS, 5M, 7M, 9M, 11M, 13M, 15M, 17M, 21M, 23M, 25M, 27M, 5RM, 7RM, 9RM, 11RM, 13RM, 15RM, 17RM, 21RM, 23RM, 25RM, 27RM, 5M-T, 7M-T, 9M-T, 11M-T, 13M-T, 15M-T, 5RM-T, 7RM-T, 9RM-T, 11RM-T, 13RM-T, 15RM-T

Brand: Mast, Dragonhawk

1.3 Recommended use of the chemical and restrictions on use

Identified uses: Tattoo

1.4 Supplier's details

Shijiazhuang Dragonhawk Industry Co.,Ltd

Add: 1-1-3101, The Milestone of Peak, Tanan Road, Yuhua District, Shijiazhuang City, Hebei Province, China

Emergency telephone number: +86- 311-66535346

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not classified.

EU/EEC: Accordance to Regulation (EC) No.1907/2006 in conjunction with Regulation (EC) No.1272/2008

OSHA: Accordance to the Hazard Communication Standard 29 CFR 1910.1200

2.2 GHS label elements, including precautionary statements

Pictogram(s) No symbol.

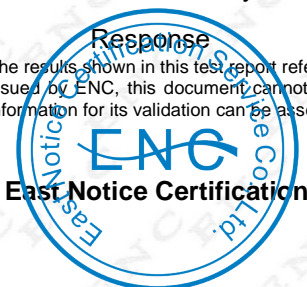
Signal word No signal word.

Hazard statement(s) None

Precautionary statement(s) Prevention None

Response None

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Storage None

Disposal None

2.3 Other hazards None

SECTION 3 – INFORMATION ON INGREDIENT

3.1 Substances: The product is composed of PC plastic shell, needle wire and silicone spring parts.

Component Description	Chemical Name	CAS number	EC number	Composition (% by weight)
PC plastic shell	Polycarbonate (PC)	25037-45-0	N/A	~100
Needle wire	304 stainless steel (SUS304)	N/A	N/A	~100
Silicone spring	Silicon dioxide	14808-60-7	238-878-4	~100

This product, when intact, is not known to be hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200. This product is exempt from OSHA's Hazard Communication Standard requirements for an MSDS because it meets the definition of an "article". An article is a manufactured item: (1) which is formed to a specific shape or design during manufacture.(2) which has end use function(s) dependent in whole or in part upon its shape or design during end use: and (3) which does not release, or otherwise result in exposure to, a hazardous chemical under normal conditions of use. Any product which meets the definition of an "article" is exempt from the requirements of the Standard.

SECTION 4 – FIRST AID MEASURES

4.1 Description of necessary first-aid measures

If inhaled: Solid shapes are not inhalation.

In case of skin contact: Needles may be irritating to skin in some sensitive individuals, especially after prolonged contact.

In case of eye contact: Needles may cause mechanical irritation.

If ingestion: Not a probable route

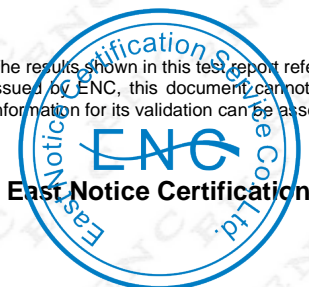
4.2 Most important symptoms/effects, acute and delayed

No hazard

4.3 Indication of any immediate medical attention and special treatment needed

no data available

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**SECTION 5 – FIRE FIGHTING MEASURES****5.1 Suitable extinguishing media**

Water mist, dry chemical, carbon dioxide, or appropriate foam.

5.2 Special hazards arising from the substance or mixture

When burned, PC plastic shell heat and high levels of dense, black smoke containing carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Use self-contained breathing apparatus. Use water spray to keep fire-exposed containers cool. Dust is not expected to be generated in the event of a fire.

5.4 Further information

no data available

SECTION 6 – ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Slipping Hazard, avoid standing or walking on product, or product debris. For product debris: Do not use compressed air to sweep debris. Eliminate sources of ignition. (No smoking, flares, sparks or flames in immediate area).

6.2 Environmental precautions

Personal protection: particulate filter respirator adapted to the airborne concentration of the substance. Sweep spilled substance into covered containers. If appropriate, moisten first to prevent dusting. Wash away remainder with plenty of water.

6.3 Methods and materials for containment and cleaning up

Wear appropriate protective equipment and clothing during cleanup. Vacuum or sweep material into container, do not use compressed air to sweep debris material.

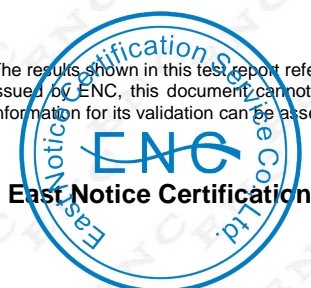
SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE**7.1 Precautions for safe handling**

Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

7.2 Conditions for safe storage, including any incompatibilities

Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans).

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SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limit values

Component: CAS No.14808-60-7, Limit value - Eight hours: 0,05mg/m³

Biological limit values: no data available

8.2 Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye Protection: Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin Protection: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique(without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection: Wear dust mask when handling large quantities.

Thermal hazards: no data available

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state: Solid

Color: Blue, Purple, Transparent

Odor: Odorless

Melting point: PC plastic shell: 220-230°C
Silicone spring: 1610°C

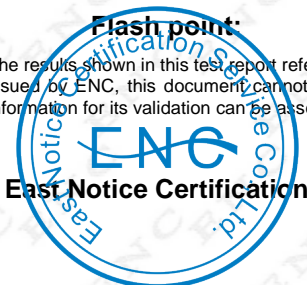
Boiling point °C: PC plastic shell: 450.6°C at 760 mmHg
Silicone spring: 1610°C

Flammability: no data available

Flammability limit: no data available

Flash point: PC plastic shell: 167.2°C

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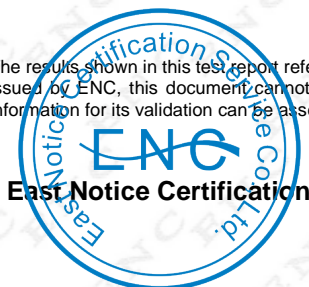
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Auto-ignition temperature:	no data available
Decomposition temperature:	no data available
pH:	no data available
Kinematic viscosity:	no data available
Solubility:	Insoluble
Partition coefficient n-octanol/water:	no data available
Vapour pressure:	PC plastic shell: 6.56E-26mmHg at 25°C Silicone spring: 0 mm Hg (approx) (NIOSH, 2016)
Density and/or relative density:	PC plastic shell: 1.2g/mL at 25°C(lit.) Silicone spring: 2.2 Needle wire: 7.93
Relative vapour density:	no data available
Particle characteristics:	no data available

SECTION 10 – STABILITY AND REACTIVITY

- 10.1 Reactivity:** Non-Reactive with Air, or Water
- 10.2 Chemical stability:** This product is stable under normal use conditions for shock, vibration, pressure, or temperature.
- 10.3 Possibility of hazardous reactions:** Certain Halogens, Organic Chlorides and Hydrocarbons may react with and degrade polyethylene.
- 10.4 Conditions to avoid:** Avoid processing material over 200°C.
- 10.5 Incompatible materials:** Fluorine gas, (violent reaction), Diethyl ether, Methylene chloride, Ethylene chloride. Polyethylene degrades after lengthy contact with most Aromatic hydrocarbons; benzene, toluene, acetone, xylenes, ammonia gas, turpentine, naphtha, etc., and most Halogenated Hydrocarbons; Perchloroethylene, chloroform, trichloroethylene, carbon tetrachloride, etc.
- 10.6 Hazardous decomposition products:** At temperatures >200°C, polycarbonate may emit various oligomers, waxes and oxygenated hydrocarbons as well as carbon dioxide, carbon monoxide and small amounts of other organic vapors (e.g. aldehydes, acrolein). Inhalation of the decomposition gases may be hazardous.

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SECTION 11 – TOXICOLOGICAL INFORMATION**Acute toxicity:**

Oral: Silicone spring: LD50 Rat oral >22,500 mg/kg

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available**Serious eye damage/irritation:** no data available**Respiratory or skin sensitization:** no data available**Germ cell mutagenicity:** no data available**Carcinogenicity:** no data available**Reproductive toxicity** no data available**STOT-single exposure:** no data available**STOT-repeated exposure:** no data available**Aspiration hazard:** no data available**SECTION 12 – ECOLOGICAL INFORMATION****12.1 Toxicity**

Toxicity to fish: no data available

Toxicity to daphnia and other aquatic invertebrates: no data available

Toxicity to algae: no data available

Toxicity to microorganisms: no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

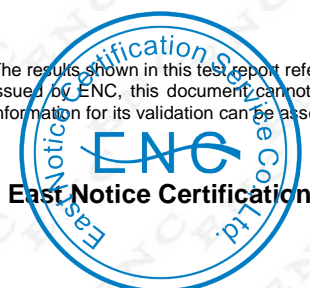
12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

no data available

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SECTION 13 – DISPOSAL CONSIDERATIONS**13.1 Disposal methods****Product**

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

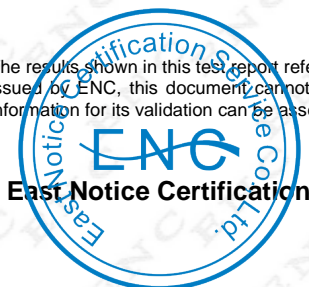
Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

SECTION 14 – TRANSPORT INFORMATION

General: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

- 14.1 UN number:** ADR/RID: Not dangerous goods.
IMDG: Not dangerous goods.
IATA: Not dangerous goods.
- 14.2 UN proper shipping name:** ADR/RID: Not dangerous goods.
IMDG: Not dangerous goods.
IATA: Not dangerous goods.
- 14.3 Transport hazard class(es):** ADR/RID: Not dangerous goods.
IMDG: Not dangerous goods.
IATA: Not dangerous goods.
- 14.4 Packing group, if applicable:** ADR/RID: Not dangerous goods.
IMDG: Not dangerous goods.
IATA: Not dangerous goods.
- 14.5 Environmental hazards:** ADR/RID: no IMDG: no IATA: no
- 14.6 Special precautions for user:** no data available
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:**
no data available

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SECTION 15 – REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question

Product complies with all known regulatory considerations and is unregulated and not listed as a Hazmat by any agency.

SECTION 16 – OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

Abbreviations and acronyms

CAS: Chemical Abstracts Service

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulation concerning the International Carriage of Dangerous Goods by Rail

IMDG: International Maritime Dangerous Goods

IATA: International Air Transportation Association

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-----END OF REPORT-----

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