



Material Safety Data Sheet (MSDS)



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Report No. : LTIJ250218A010EN

Sample Name : Liquid Insulation Tape

Client Name : Dongyang Xiaoqin Trading Co.

Guangzhou LTI Testing Technology Co., Ltd

Floor 4, Building 2, No.470, Xingnan Avenue, Nancun Town, Panyu District, Guangzhou, China

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Client Name : Dongyang Xiaoqin Trading Co.
Client Address : No.2-61, Building 15, Western China Leather Shoe City, Yongshun Road, Economic Development Zone, Dazhu County, Dazhou City, Sichuan Province, P.R. China
Sample Name : Liquid Insulation Tape
Sample Model : white 125 ml 、 125 ml black
Brand Name : N/A
Specification : N/A
Buyer : N/A
Manufacturer : N/A
Exported to : N/A
Country of Origin : N/A

The above information is provided and confirmed by the applicant, and our company is not responsible for its authenticity.

Receive Date : 17. February, 2025
Testing period : 17. February, 2025- 21. February, 2025
Test Method : Please refer to the next page(s).
Test Result(s) : Please refer to the next page(s).



Approved by: Tariq Ma

Bruce Li

Reviewed by: Bruce Li

Lyra Du

Complied by: Lyra Du

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1. Product and Company Identification

- 1.1 Sample Name** : Liquid Insulation Tape
- 1.2 Model No** : white 125 ml 、 125 ml black
- 1.3 End Uses** : Used for bonding electronic components and electrical equipment, sealing semiconductor materials, electric heaters, electronic instruments, etc.
- 1.4 Contact Person** : Xinyan Wei
- 1.5 E-mail** : wojiubu2024@163.com
- 1.6 24 hour Emergency Tel** : 18111796928
- 1.7 Other information** : N/A

2. HAZARDS IDENTIFICATION

2.1 Hazard classification according to GHS

According to GHS system (10th revised edition),

Flammable liquids, Category 2

Acute toxicity - Category 4, Oral

Skin irritation, Category 2

Eye irritation, Category 2

Carcinogenicity, Category 2

Specific target organ toxicity – repeated exposure, Category 1

Reproductive toxicity, Category 2

2.2 GHS Label elements:

Hazard Pictogram(s):



Signal word: Danger.

Hazard statements:

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H225 Highly flammable liquid and vapour
H302 Harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation
H351 Suspected of causing cancer
H372 Causes damage to organs through prolonged or repeated exposure

2.3 Precautionary statements

Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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.
P264+P265 Wash hands... thoroughly after handling. Do not touch eyes.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...
P203 Obtain, read and follow all safety instructions before use.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.

Response:

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P370+P378 In case of fire: Use ... to extinguish.
P301+P317 IF SWALLOWED: Get medical help.
P330 Rinse mouth.
P302+P352 IF ON SKIN: Wash with plenty of water/...
P321 Specific treatment (see ... on this label).
P332+P317 If skin irritation occurs: Get medical help.
P362+P364 Take off contaminated clothing and wash it before reuse.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P317 If eye irritation persists: Get medical help.
P318 IF exposed or concerned, get medical advice.
P319 Get medical help if you feel unwell.

Storage:

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

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P405 Store locked up.

Disposal: P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

2.4 Other hazards which do not result in classification

none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixtures:

Chemical Name	CAS No.	Weight(%)
Solvent (Dimethyl carbonate、Chloroform)	616-38-6	50-70
	67-66-3	
Vinyl Ester Resin	68648-82-8	15-50
Methanol	67-56-1	4.86
DOP (Di-Octyl Phthalate)	117-84-0	2.91
TCP Tris(2-chloroethyl) phosphate	13674-84-5	2.91
pyrogenic silica	112945-52-5	0.97
Carbon Black	1333-86-4	0.485
Titanium Dioxide	13463-67-7	0.485

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice : Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled : Fresh air, rest. Artificial respiration may be needed. Refer for medical attention.

In case of skin : Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for

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contact : medical attention .
In case of eye contact : First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then refer for medical attention.
If swallowed : Rinse mouth. Give one or two glasses of water to drink. Rest. Refer for medical attention .

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : no data available

4.3. Indication of immediate medical attention and special treatment needed, if necessary

no data available

5. Fire Fighting Measures Danger

5.1 Extinguishing media

In case of fire in the surroundings, use appropriate extinguishing media. In case of fire: keep drums, etc., cool by spraying with water.

5.2 Specific hazards arising from the substance or mixture

no data available

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

6.2 Environmental precautions

Evacuate danger area! Consult an expert! Personal protection: complete protective clothing including self-contained breathing apparatus. Do NOT let this chemical enter the environment. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert absorbent. Then store and dispose of according to local regulations.

6.3 Methods and materials for containment and cleaning up

Ventilate area of spill or leak. Collect for reclamation or absorb in vermiculite, dry sand, earth, or a similar material.

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7.HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Separated from food and feedstuffs and incompatible materials. See Chemical Dangers. Ventilation along the floor. Keep in tightly closed containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limit value: no data available

Biological limit values: no data available

8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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

Eye/face 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	Wear impervious clothing. 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	Use ventilation, local exhaust or breathing protection.
Thermal hazards	No data available

9.PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

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Appearance	: fluid
Colour	: Black White
Physical state	: No data available
Odour	: No data available
Odour threshold	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flammability	: No data available
Explosive limits	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: No data available
Viscosity, kinematic	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Density	: No data available
Relative density	: No data available
Relative vapour density at 20 °C	: No data available
Particle size	: No data available

9.2 Other safety information

No data available

10.STABILITY AND REACTIVITY

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10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No data available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral: No data available.

: Inhalation: No data available.

Dermal: No data available.

Skin corrosion/irritation

: No data available

Serious eye damage/irritation

: No data available

Respiratory or skin sensitisation

: 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

12. ECOLOGICAL INFORMATION

12.1 Eco-toxicity:

Toxicity to fish : no data available

Toxicity to daphnia and
other aquatic invertebrates : no data available

Toxicity to algae : no data available

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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. Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste 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.

14. TRANSPORT INFORMATION

14.1. UN number

ADR/RID:1133

IMDG:1133

IATA:1133

14.2. UN proper shipping name

ADR/RID:

Adhesives

IMDG:

Adhesives

IATA:

Adhesives

14.3. Transport hazard class(es)

ADR/RID:3

IMDG:3

IATA:3

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14.4. Packing group

ADR/RID:II

IMDG:II

IATA:II

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 and the IBC Code

no data available

15. REGULATORY INFORMATION

International chemical inventory

Component	CAS No.	EINECS	EC Inventory	TSCA	NZIoC	PICCS	China IECSC
Solvent (Dimethyl carbonate、Chloroform)	616-38-6	Listed.	Listed.	Listed.	Listed.	Listed.	Listed.
	67-66-3	Listed.	Listed.	Listed.	Listed.	Listed.	Listed.
Vinyl Ester Resin	68648-82-8	Not Listed.	Not Listed.	Listed.	Listed.	Listed.	Listed.
Methanol	67-56-1	Listed.	Listed.	Listed.	Listed.	Listed.	Listed.
DOP (Di-Octyl Phthalate)	117-84-0	Listed.	Listed.	Listed.	Listed.	Listed.	Listed.
TCP Tris(2-chloroethyl) phosphate	13674-84-5	Listed.	Listed.	Listed.	Listed.	Listed.	Listed.
pyrogenic silica	112945-52-5	Not Listed.	Not Listed.	Not Listed.	Listed.	Listed.	Listed.

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Carbon Black	1333-86-4	Listed.	Listed.	Listed.	Listed.	Listed.	Listed.
Titanium Dioxide	13463-67-7	Listed.	Listed.	Listed.	Listed.	Listed.	Listed.

EINECS : European Inventory of Existing Commercial Chemical Substances

EC Inventory: EU Chemical Inventory

TSCA: United States Toxic Substances Control Act (TSCA) Inventory

NZIoC: New Zealand Inventory of Chemicals

PICCS: Philippines Inventory of Chemicals and Chemical Substances

China IECSC: Chinese Chemical Inventory of Existing Chemical Substances

16. Additional Information

16.1 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
TWA	Time Weighted Average
STEL	Short term exposure limit
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
EC50	Effective Concentration 50%

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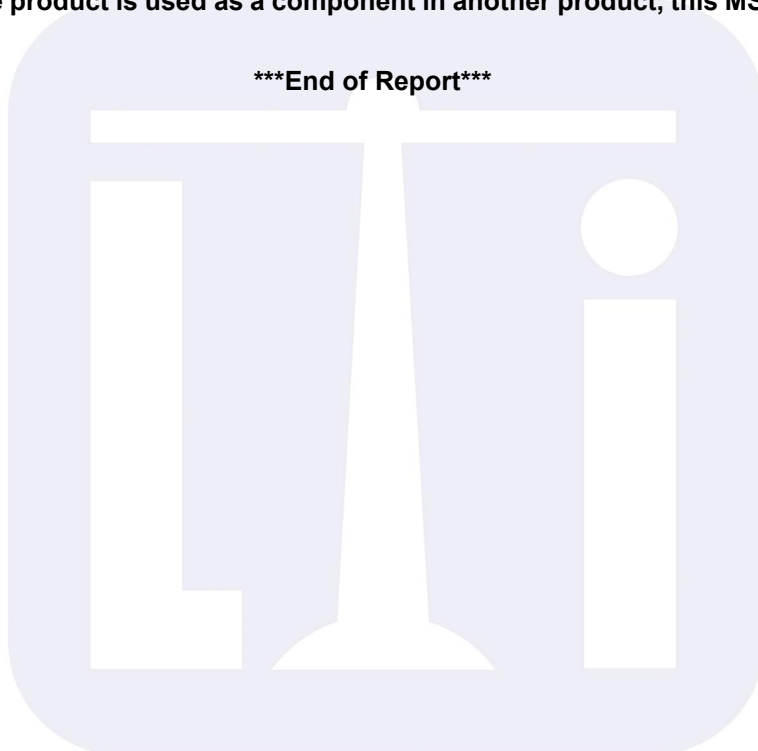
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