

SAFETY DATA SHEET (SDS)



Hot Melt Cloth Tape (Grey & White color)

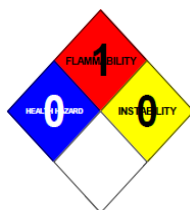
1: Product and Manufacturer Identification

Product Name : Hot Melt Cloth Tape (Grey & White color)
Product Code / Other Names : OCH
Material Uses : packing adhesive
Manufacturer Name : K.L.& Ling International Inc.
Street Address : 10F-1, No.206, SEC.1, Min Sheng Road
City, State, Province : Kaohsiung Taiwan
Country & Post Code : 800

Emergency Contacts : 886-7-2265221

2: Hazard(s) Identification

Physical State : Solid film
Odor : Slight odor
WHMIS Status (Canada) : None
Hazard Statements or Symbols : None
OSHA/HCS Status (USA) :
Hazard Statements or Symbols :



Emergency Overview : Not hazardous
Possible Routes of Entry :

Potential Acute Health Effects

- Inhalation : • The material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage.
• Persons with impaired respiratory function, airway diseases and conditions such as emphysema or chronic bronchitis, may incur further disability if excessive concentrations of particulate are inhaled.
- Ingestion : • The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence.
- Skin Contact : • This material can cause inflammation of the skin on contact in some persons.
• The material may accentuate any pre-existing dermatitis condition.
• Open cuts, abraded or irritated skin should not be exposed to this material.
- Eye Contact : • This material can cause eye irritation and damage in some persons.

Potential Chronic Health Effects

Chronic Effects : None
Carcinogenicity : None
Mutagenicity : None
Teratogenicity : None
Developmental Effects : None
Fertility Effects : None

Medical conditions aggravated by : Treat symptomatically.
Additional hazards not otherwise : None

3: Composition / Information on Ingredients

| Ingredient Name or Description | CAS Number | % |
|--------------------------------|------------|---------|
| Polyethylene | 9002-88-4 | 25 ~ 30 |
| Fillers | 13463-67-7 | 1 ~ 2 |
| Polyester Yarn | 25038-59-9 | 10 ~ 15 |
| Thermotlastic Rubber | 25038-32-8 | 20 ~ 30 |
| Hydro-carbon Resin | 64742-16-1 | 10 ~ 22 |
| Polybutene | 9003-28-5 | 5 ~ 10 |
| Process oil | 64742-54-7 | 8 ~ 18 |

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| | | |
|----------------|--|----------------|
| Pigment | | <0.5 |
|----------------|--|----------------|

Additional Composition Details :

4: First-aid Measures

- Eye Contact : • Wash out immediately with fresh running water.
• Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
• If pain persists or recurs seek medical attention.
• Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
- Skin Contact : • Flush skin and hair with running water (and soap if available).
• Seek medical attention in event of irritation.
- Inhalation : • If fumes or combustion products are inhaled remove from contaminated area.
• Lay patient down. Keep warm and rested.
• Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
• Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
• Transport to hospital, or doctor.
- Ingestion : • If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
• Observe the patient carefully.
• Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- Protection for First-aid Providers : None
- Notes to Physician : Treat symptomatically.

5: Fire-fighting Measures

Flammability of the Product :

Extinguishing Media/Methods

- Suitable : • Foam.
• Dry chemical powder.
• BCF (where regulations permit).
• Carbon dioxide.
- Not Suitable : • Water spray or fog - Large fires only.
- Special Exposure Hazards : Keep away from the high temperature region
- Products of Combustion : flammable
- Special Protective Equipment Needed for Fire-fighters : • Alert Emergency Responders and tell them location and nature of hazard.
• Wear breathing apparatus plus protective gloves.
• Prevent, by any means available, spillage from entering drains or water course.
• Use water delivered as a fine spray to control fire and cool adjacent area.
• DO NOT approach containers suspected to be hot.
• Cool fire exposed containers with water spray from a protected location.
• If safe to do so, remove containers from path of fire.
• Equipment should be thoroughly decontaminated after use.
- Special Remarks on Fire Hazards : None
- Special Remarks on Explosion Hazards : Avoid contamination with oxidizing agents i.e. nitrates, oxidizing acids, chlorine bleaches, pool chlorine

6: Accidental Release Measures

Personal Precautions :

Protective Equipment :



Environmental Precautions :

Cleaning / Containing

- Small Spill : • Clean up all spills immediately.
• Avoid breathing dust and contact with skin and eyes.
• Wear protective clothing, gloves, safety glasses and dust respirator.
• Use dry clean up procedures and avoid generating dust.

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- Large Spill : • Alert Emergency Services and tell them location and nature of hazard.
• Control personal contact by wearing protective clothing.

7: Handling and Storage

- Safe Handling Precautions : • Avoid all personal contact, including inhalation.
• Wear protective clothing when risk of exposure occurs.
• Use in a well-ventilated area.
• Prevent concentration in hollows and sumps.

- Safe Storage Precautions : • Suitable container
• Polyethylene or polypropylene container.
• Check all containers are clearly labelled and free from leaks.
• Storage incompatibility
• Avoid reaction with oxidising agents
• Avoid contact with acetal or acetal copolymers and with amine containing materials during

8: Exposure Controls/Personal Protection

| Ingredient Name/Description | Exposure Limits | | |
|-----------------------------|--------------------|---------------------|--------------------|
| Polyethylene | TWA: Not Available | STEL: Not Available | Peak:Not Available |
| Polyester Yarn | TWA: Not Available | STEL: Not Available | Peak:Not Available |
| Thermotlastic Rubber | TWA: Not Available | STEL: Not Available | Peak:Not Available |
| Hydro-carbon Resin | TWA: Not Available | STEL: Not Available | Peak:Not Available |
| Polybutene | TWA: Not Available | STEL: Not Available | Peak:Not Available |
| Process oil | TWA: Not Available | STEL: Not Available | Peak:Not Available |

- Recommended Monitoring Procedures : Follow standard monitoring procedures

- Engineering Measures : Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

- Hygiene Measures : An occupational/industrial hygiene monitoring method has been developed for this material. For advice on suitable monitoring methods, seek guidance from a qualified environment, health and safety professional. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work

Personal Protection

- Respiratory : Selection of the Class and Type of respirator will depend upon the level of breathing zone contaminant and the chemical nature of the contaminant. Protection Factors (defined as the ratio of contaminant outside and inside the mask) may also be important.
- Hands : • Barrier cream and
• PVC gloves.
Wear safety footwear.
When handling hot material, wear
• Protective gloves eg. Leather gloves or gloves with Leather facing.
- Eyes : • Safety glasses with side shields; or as required,
• Chemical goggles.
• Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should
- Skin : Same as Hands

- Environmental Exposure : Not available

9: Physical and Chemical Properties

- Physical State :
Flash Point (°C and °F) : No data
Auto-ignition Temperature (°C and °F) : Not available
Flammable Limits : No data
Color : Black color
Odor : Slight odor
Odor Threshold : No data
pH : No data
Boiling/Condensing Point (°C and °F) : Not available
Melting/Freezing Point (°C and °F) : Not available
Relative Density : No data

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| Vapor Pressure | : Not available |
| Vapor Density | : Not available |
| Volatility | : Negligible |
| Evaporation Rate | : Not applicable |
| Viscosity | : Not applicable |
| Pour Point (°C and °F) | : Not applicable |
| Solubility | : Insoluble |

10: Stability and Reactivity

| | |
|----------------------------------|--|
| Chemical Stability | : Presence of incompatible materials. Product is considered stable. Hazardous polymerization will not occur. |
| Hazardous Polymerization | : None |
| Materials to Avoid | : Avoid reaction with oxidizing agents. |
| Hazardous Decomposition Products | : For incompatible materials - refer to Section 7 - Handling and Storage |

11: Toxicological Information

Acute Toxicity

| Product/Ingredient Name | Result | Species | Dose | Exposure |
|-------------------------|---|---|---|---|
| Hot Melt Cloth Tape | Data Not Available to make classification | Data Not Available to make classification | Data Not Available to make classification | Data Not Available to make classification |

Chronic Toxicity

Conclusion/Summary : Data Not Available to make classification

Irritation/Corrosion

Conclusion/Summary : Data Not Available to make classification

Sensitizer

Conclusion/Summary : Data Not Available to make classification

Carcinogenicity

Conclusion/Summary : Data Not Available to make classification

Classification

| Product/Ingredient Name | ACGIH | IARC | EPA | NIOSH | NTP | OSHA |
|-------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Hot Melt Cloth Tape | No Data Available | No Data Available | No Data Available | No Data Available | No Data Available | No Data Available |

Mutagenicity

Conclusion/Summary : No Data Available

Teratogenicity

Conclusion/Summary : No Data Available

Reproductive Toxicity

Conclusion/Summary : No Data Available

12: Ecological Information*

Environmental Effects

Aquatic Ecotoxicity

Conclusion/Summary : No Data Available

Biodegradability

Conclusion/Summary : Polyethylene: LOW, Fillers: No Data Available, Polyester Yarn:LOW, Thermoplastic Rubber:No Data Available,Hydro-carbon Resin:No Data Available,Polybutene:No Data Available,Process oil:No Data Available

Other Adverse Effects :

13: Disposal Considerations*

| | |
|----------------|--|
| Waste Disposal | : <ul style="list-style-type: none">• Recycle wherever possible.• Consult manufacturer for recycling options or consult Waste Management Authority for disposal if no suitable treatment or disposal facility can be identified.• Dispose of by: Burial in a licensed land-fill or Incineration in a licensed apparatus (after admixture with suitable combustible material)• Decontaminate empty containers. Observe all label safeguards until containers are cleaned and |
|----------------|--|

Additional References/Details :

14: Transport Information*

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| Regulatory Information | UN # | Proper Shipping Name | Classes | PG | Label | Additional Information |
|------------------------|------|----------------------|---------|----|-------|------------------------|
| TDG Classification | – | – | – | – | – | – |
| DOT Classification | – | – | – | – | – | – |

Special Precautions :

15: Regulatory Information*

United States

HCS Classification : No products were found

Canada

WHMIS Classification : No products were found

International Regulations

Canada Inventory : No products were found

United States Inventory (TSCA) : No products were found

Europe Inventory : No products were found

Additional Regulatory Statements :

16: Other Information

Hazardous Material Information System (United States) : N/A

National Fire Protection Association (United States) : N/A

Additional References : N/A

Date of Original Issue : 2015/4/2

Date of Current Revision : 2016/4/27

Name of Responsible Party : K.L. AND LING INTERNATIONAL INC.

Contact for Copies of SDS : MR. HARRY XIANG

Additional Comments/Notices : N/A