

SAFETY DATA SHEET (SDS)



Crepe rubber bands (70% of rubber)

1: Product and Manufacturer Identification

Product Name : Crepe rubber bands (70% of rubber)
Product Code / Other Names : Rubber
Material Uses : Rubber bands
Manufacturer Name : LIANG HAH HENG INTERNATIONAL RUBBER CO. LTD
Street Address : 60/14 MOO 6, EKACHAI RD, BANGBON KHET, BANGBON KWENG
City, State, Province : BANGKOK
Country & Post Code : THAILAND 10150

Emergency Contacts : MS. JJ EIAMVERAWONG
Phone: +66 81 610 9818
E-mail address: lhh@loxinfo.co.th

2: Hazard(s) Identification

Physical State : Solid
Odor : Rubber odor
WHMIS Status (Canada) : Void
Hazard Statements or Symbols : Void
OSHA/HCS Status (USA) : Void
Hazard Statements or Symbols : Void
Emergency Overview :
Possible Routes of Entry : Void

Potential Acute Health Effects

Inhalation : No effect
Ingestion : No effect
Skin Contact : No effect
Eye Contact : No effect

Potential Chronic Health Effects

Chronic Effects : No effect
Carcinogenicity : No effect
Mutagenicity : No effect
Teratogenicity : No effect
Developmental Effects : No effect
Fertility Effects : No effect
Medical conditions aggravated by : Void
Additional hazards not otherwise classified : Void

3: Composition / Information on Ingredients

Ingredient Name or Description	CAS Number	%
Natural Rubber		59.44%
Rubber Oil	64741-88-4	8.32%
Calcium Carbonate	1317-65-3	29.72%
Zinc Oxide	1314-13-2	0.74%
Steric Acid	57-11-4	0.59%
Accelerator – 2 types		0.48%
- MBT (2-Mercaptobenzothiazole)	120-78-5	
- TMTD (Tetramethylthiuram Disulfide)	137-26-8	
Sulphur	7704-34-9	0.71%

Additional Composition Details :

4: First-aid Measures

Eye Contact : In the event of eye contact with fumes, immediately flush with plenty of water.
Skin Contact : Skin contact with hot compound or decomposition products, immediately rinse skin with cold water, and wash off with soap and water.
Inhalation : Remove to fresh air if exposed to fumes, decomposition products or high temperature emitted

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Ingestion : In case it is swallowed accidentally, seek medical advice immediately.
Protection for First-aid Providers :
Notes to Physician : No further relevant information available.

5: Fire-fighting Measures

Flammability of the Product : Flammability
Extinguishing Media/Methods
Suitable : Foam, Dry chemical
Not Suitable :
Special Exposure Hazards : Natural rubber compounds are combustible and generate COx, and complex fumes derived from the decomposition products of organic accelerators.
Products of Combustion : COx and complex fumes
Special Protective Equipment Needed for Fire-fighters : Wear a self-contained breathing apparatus with full-face piece operated in pressure demand or positive pressure mode, and protective suit.
Special Remarks on Fire Hazards : Rubber fire is difficult to extinguish since the heat may soften the rubber and burning material liquefies and may spread fire. Some rubber compounds are lighter than water so that burning material may float on available water.
Special Remarks on Explosion Hazards :

6: Accidental Release Measures

Personal Precautions : Wear protective clothing.
Protective Equipment : Wear protective clothing.
Environmental Precautions : Solid products unlikely accidental release.

Cleaning / Containing

Small Spill : Not applicable
Large Spill : Not applicable

7: Handling and Storage

Safe Handling Precautions : No special measure required. Ensure good ventilation at the workplace.
Safe Storage Precautions : Store in cool and dry place and avoid direct sunlight. Store away from sources of heat or ignition.

8: Exposure Controls/Personal Protection

Ingredient Name/Description	Exposure Limits
None	None

Recommended Monitoring Procedures : None
Engineering Measures : None
Hygiene Measures : None

Personal Protection

Respiratory : Not required for final product.
Hands : Not required for final product.
Eyes : Not required for final product.
Skin : Not required for final product.
Environmental Exposure Controls : Not required for final product.

9: Physical and Chemical Properties

Physical State : Solid
Flash Point (°C and °F) : Not applicable
Auto-ignition Temperature (°C and °F) : Not applicable
Flammable Limits : Flammability
Color : Amber
Odor : Rubber odor
Odor Threshold : Not determined
pH : Not applicable
Boiling/Condensing Point (°C and °F) : Not applicable
Melting/Freezing Point (°C and °F) : Not applicable
Relative Density : 1.2

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

10: Stability and Reactivity

Chemical Stability	: Product is stable in cool well ventilated conditions.
Hazardous Polymerization	: N/A
Materials to Avoid	: It is generally stable up to temperatures of 70 C in continuous use. After prolonged heating above these temperatures, it will start to decompose, emitting fumes and vapors around 300 C.
Hazardous Decomposition Products	: Decomposition fumes and vapors may be toxic and flammable.

11: Toxicological Information

Acute Toxicity

Product/Ingredient Name	Result	Species	Dose	Exposure
None	None	None	None	None

Chronic Toxicity

Conclusion/Summary : Toxicological data have not been determined specifically for this product.

Irritation/Corrosion

Conclusion/Summary : No irritant effect.

Sensitizer

Conclusion/Summary : None expected

Carcinogenicity

Conclusion/Summary : None expected

Classification

Product/Ingredient Name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
None	None	None	None	None	None	None

Mutagenicity

Conclusion/Summary : None expected

Teratogenicity

Conclusion/Summary : None expected

Reproductive Toxicity

Conclusion/Summary : None expected

12: Ecological Information*

Environmental Effects

Aquatic Ecotoxicity

Conclusion/Summary : N/A

Biodegradability

Conclusion/Summary : N/A

Other Adverse Effects : N/A

13: Disposal Considerations*

Waste Disposal : Recycle, if possible, otherwise dispose of product in accordance with regulations.

Additional References/Details : N/A

14: Transport Information*

Regulatory Information	UN #	Proper Shipping Name	Classes	PG	Label	Additional Information
TDG Classification	Not allocated					
DOT Classification	Not allocated					

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Special Precautions : N/A

15: Regulatory Information*

United States

HCS Classification : None of the ingredient is listed.

Canada

WHMIS Classification : None of the ingredient is listed.

International Regulations

Canada Inventory : None of the ingredient is listed.

United States Inventory (TSCA 8b) : None of the ingredient is listed.

Europe Inventory : None of the ingredient is listed.

Additional Regulatory Statements : N/A

16: Other Information

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

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

Additional References : N/A

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Name of Responsible Party : LHH

Contact for Copies of SDS : N/A

Additional Comments/Notices : N/A