



Safety Data Sheet

THERMOSTIX LDC SERIES

SECTION 1. IDENTIFICATION

Product Identifier THERMOSTIX LDC
Other Means of Identification LDC1225B, LDC1025B, LDC425B, LDC1005B, LDC425MB, LDC405MB, LDC322S, LDC850, MA.503.12, LDC412MP, LDC425MP, LDC425P, LDC1012P, 2047-163, 2047-528
Recommended Use Adhesive
Restrictions on Use No information available
Initial Supplier Identifier Marcan Adhesives Corporation
3569 Ashby, Saint-Laurent Quebec, Canada, H4R 2K3
Tel: +1 (514) 639-4774, Fax: +1 (514) 639-4769
email: information@marcanadhesives.com
Emergency Telephone Number +1 (514) 639-4774 (Mon-Fri, 7AM-3PM)

SECTION 2. HAZARD IDENTIFICATION

Classification Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.
Label Elements None
Other Hazards Contact with solid material may cause irritation.
Contact with molten material will cause thermal burns.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers

Notes Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

SECTION 4. FIRST-AID MEASURES

Inhalation Remove to fresh air.
Skin Contact Wash skin with soap and water. In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin. Removal of molten material that has solidified on skin requires medical assistance. Consult a physician if necessary.
Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Ingestion Seek medical advice immediately. Do not induce vomiting without medical advice.
Most Important Symptoms and Effects, Acute and Delayed No information available.
Immediate Medical Special Treatment Treat symptomatically.



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SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable

In case of fire. Use CO₂, dry chemical, or foam to extinguish.

Extinguishing Media

Unsuitable

Do not use a solid water stream as it may scatter or spread fire.

Extinguishing Media

Specific Hazards

Arising from the

Product

Avoid dusting when handling and avoid all possible sources of ignition (spark or flame). This material can accumulate static charge by flow or agitation and can be ignited by static discharge.

Special Protective

Equipment and

Precautions for Fire-

Fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Ensure adequate ventilation, especially in confined areas.
Keep out of drains, sewers, ditches and waterways.

Methods for Containment and Cleaning Up

Molten state: Cover with dry sand/earth.
Use personal protection equipment. Clean contaminated surface thoroughly.
Solid state: Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust.
Molten state: Where possible allow molten material to solidify naturally.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with skin, eyes or clothing. Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours. After contact with skin, wash immediately with plenty of water and soap. This material can accumulate static charge by flow or agitation and can be ignited by static discharge. Avoid dusting when handling and avoid all possible sources of ignition (spark or flame).

Conditions for Safe Storage

Store away from incompatible materials.
Incompatible with oxidizing agents. Strong acids. Strong bases.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters



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Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL

Notes Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

Appropriate Engineering Controls Showers. Eyewash stations. Ventilation systems.

Individual Protection Measures

Eye/Face Protection Molten state: Wear protective eye glasses for protection against liquid splashes.

Skin Protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Heat resistant gloves are recommended when handling molten materials.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Solid

Odour No information available

Odour Threshold No information available

pH No information available

Melting Point and Freezing Point No information available

Initial Boiling Point and Boiling Range No information available

Flash Point > 204.4 deg. C / >400 deg. F

Evaporation Rate No information available

Flammability (solid, gas) No information available

Upper and Lower Flammability or Explosive Limit No information available

Vapour Pressure No information available

Vapour Density (air = 1) No information available

Relative Density (water = 1) No information available

Solubility in Water No information available

Solubility in Other Liquids No information available

Partition Coefficient, No information available



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n-Octanol / Water (Log Kow)	
Auto-ignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	No information available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	None under normal use conditions.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to Avoid	Do not add water or other volatile material to molten adhesive. Take precautionary measures against static discharges.
Incompatible Materials Hazardous Decomposition Products	Incompatible with oxidizing agents. Strong acids. Strong bases. Carbon monoxide. Carbon dioxide (CO ₂). Hydrocarbons.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure - No data available
 Inhalation Skin contact Eye contact Ingestion

Acute Toxicity	
LC50	No information available
LD50 (oral)	No information available
LD50 (dermal)	No information available
Notes	No information available
Skin Corrosion / Irritation	No information available
Serious Eye Damage / Irritation	No information available
STOT (Specific Target Organ Toxicity) - Single Exposure	No information available
Aspiration Hazard	No information available
STOT (Specific Target Organ Toxicity) - Repeated Exposure	No information available
Respiratory and/or Skin Sensitization	No information available
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by ACGIH, OSHA, IARC or NTP at or above 0.1 wt%.



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Chemical Name	IARC	ACGIH®	OSHA

Notes

Reproductive Toxicity

Development of Offspring	No information available
Sexual Function and Fertility	No information available
Effects on or via Lactation	No information available
Germ Cell Mutagenicity	No information available
Interactive Effects	No information available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available
Persistence and Degradability	No information available
Bioaccumulative Potential	No information available
Mobility in Soil	No information available
Other Adverse Effects	No information available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Dispose of in accordance with federal, state and local regulations.

SECTION 14. TRANSPORT INFORMATION

DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated
Special Precautions	Not regulated
Environmental Hazards	None



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Transport in Bulk Not regulated
According to Annex II
of MARPOL 73/78 and
the IBC Code

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Global Inventories

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
Listed - The components of this product are either listed or exempt from listing on inventory.

DSL - Canadian Domestic Substances List
Listed - The components of this product are either listed or exempt from listing on inventory.

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

WHMIS Hazard Class
Non-controlled

United States of America

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

California Proposition 65
This product does not contain one or more substances listed on Proposition 65 at or above 0.01 wt.%.

Europe

Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU
This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation.

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59
This product does not contain a substance(s) on the SVHC as proposed by ECHA above a concentration of 0.1 wt.%.



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SECTION 16. OTHER INFORMATION

HMIS **Health Hazards 1** **Flammability 1** **Physical Hazards 0** **Personal Protection X**

Prepared by Jim Tsalafos
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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
