

MATERIAL SAFETY DATA SHEET

MSDS# A199

***** SECTION 1 - IDENTIFICATION *****

IDENTITY: THERMOMELT 1050°F (565°C)	
MANUFACTURER LA-CO® INDUSTRIES, INC. 1201 PRATT BLVD. ELK GROVE VILLAGE, IL 60007-5746	EMERGENCY TELEPHONE NO. CHEMTREC 800-424-9300 INFORMATION TELEPHONE NO. 847-956-7600 DATE PREPARED May 27, 2010 SUPERSEDES ISSUE DATE June 18, 2007

LABELING

HMIS: 200	NFPA: 200	WHMIS (CANADA): D-1B
EPA HAZARDS:	ACUTE, CHRONIC	D.O.T.:
BILL OF LADING:		U.P.S.:

***** SECTION 2 - HAZARDOUS INGREDIENTS *****

INGREDIENT	C.A.S.#	OSHA PEL	ACGIH TLV	SUPERFUND	
				RQ	%
POTASSIUM CHLORIDE	7447-40-7	N.A.	N.A.	N.A.	45
SODIUM MOLYBDATE	7631-95-0	N.A.	N.A.	N.A.	7
SODIUM CARBONATE	497-19-8	N.A.	N.A.	N.A.	45

***** SECTION 3 - PHYSICAL / CHEMICAL CHARACTERISTICS *****

BOILING POINT: N.A.	SPECIFIC GRAVITY (H ₂ O=1): > 1
VAPOR PRESSURE (mmHg): N.A.	
VAPOR DENSITY (AIR=1): N.A.	MELTING POINT: 1050 deg.F.
SOLUBILITY IN WATER: SOLUBLE	EVAP. RATE (butyl acetate=1): < 1
APPEARANCE: SOLID STICK or PELLET	ODOR: LOW ODOR IN SOLID STATE.

***** SECTION 4 - FIRE AND EXPLOSION HAZARD DATA *****

FLASH POINT (method used): N.A.
 FLAMMABLE LIMITS - LEL: N.A. UEL: N.A.
 EXTINGUISHING MEDIA: N.A.
 SPECIAL FIRE FIGHTING PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: N.A.

***** SECTION 5 - REACTIVITY DATA *****

STABILITY: STABLE
 CONDITIONS TO AVOID: N.A.
 INCOMPATIBILITY (MATERIALS TO AVOID): RED-HOT ALUMINUM.
 HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE AND CARBON MONOXIDE WHEN HEATED TO DECOMPOSITION.
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
 CONDITIONS TO AVOID: N.A.

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***** SECTION 6 - HEALTH HAZARD DATA *****

ROUTES OF ENTRY: INHALATION? YES SKIN? YES INGESTION? YES

HEALTH HAZARDS:

EYES: CONTACT MAY BE CORROSIVE TO EYES AND CAUSE CONJUNCTIVAL EDEMA AND CORNEAL DESTRUCTION.

SKIN: MAY CAUSE IRRITATION. SOLUTIONS MAY CAUSE BURNS.

INGESTION: SLIGHTLY TOXIC IN SMALL DOSES. LARGE DOSES MAY BE CORROSIVE TO THE GASTRO-INTESTINAL TRACT.

INHALATION: FUMES MAY BE IRRITATING TO THE RESPIRATORY TRACT.

CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE SENSITIZATION.

CARCINOGENICITY: NTP? NO IARC? NO OSHA? NO

SIGNS AND SYMPTOMS OF EXPOSURE: (SEE "HEALTH HAZARDS" ABOVE)

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: IMPAIRED KIDNEY FUNCTION, CHRONIC RESPIRATORY DISEASE, GOUT.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.

SKIN: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.

INGESTION: DO NOT INDUCE VOMITING! IF VICTIM IS CONSCIOUS GIVE LARGE AMOUNTS OF WATER OR MILK. GET IMMEDIATE MEDICAL ATTENTION.

INHALATION: REMOVE VICTIM TO FRESH AIR. GET MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY.

***** SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE *****

RELEASE AND SPILL PROCEDURES: SWEEP OR SCRAPE UP.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.

HANDLING AND STORAGE PRECAUTIONS: STORE IN A COOL, DRY AREA.

OTHER PRECAUTIONS: N.A.

***** SECTION 8 - CONTROL MEASURES *****

RESPIRATORY PROTECTION: USE SELF-CONTAINED BREATHING APPARATUS IN ENCLOSED, NON-VENTILATED AREAS.

VENTILATION / LOCAL EXHAUST: RECOMMENDED TO CONTROL FUMES. SPECIAL: N.A.
MECHANICAL (GENERAL): NORMAL ROOM VENTILATION. OTHER: N.A.

PROTECTIVE GLOVES: SUITABLE TO AVOID SKIN CONTACT.

EYE PROTECTION: CHEMICAL SAFETY GOGGLES.

OTHER PROTECTIVE EQUIPMENT: N.A.

WORK/HYGIENIC PRACTICES: WASH HANDS AFTER USING AND BEFORE EATING, DRINKING, AND SMOKING. AVOID SKIN CONTACT WITH WET PRODUCT.

N.A. = NOT APPLICABLE

N.D. = NOT DETERMINED

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MSDS# A199 PRODUCT: THERMOMELT STIK and PELLET 1050 deg.F./ 565 deg.C.