

MATERIAL SAFETY DATA SHEET

MSDS# A167

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

IDENTITY: THERMOMELT 213°F (101°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 June 15, 2007
SUPERSEDES ISSUE DATE June 15, 2004

LABELING

HMIS: 100 NFPA: 110 WHMIS(CANADA): D-2B
EPA HAZARDS: ACUTE D.O.T.:
BILL OF LADING: U.P.S.:

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

Table with 5 columns: INGREDIENT, C.A.S.#, OSHA PEL, ACGIH TLV, SUPERFUND RQ. Row 1: AZELAIC ACID, 123-99-9, N.A., N.A., N.A.

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

BOILING POINT: N.A. SPECIFIC GRAVITY(H2O=1): >1
VAPOR PRESSURE(mmHg): N.A.
VAPOR DENSITY(AIR=1): N.A. MELTING POINT: 213 deg.F.
SOLUBILITY IN WATER: PRACTICALLY INSOLUBLE EVAP. RATE(butyl acetate=1):
APPEARANCE: SOLID STICK or PELLET ODOR: LOW ODOR IN SOLID STATE

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

FLASH POINT (method used): 420 deg.F. COC
FLAMMABLE LIMITS - LEL: N.A. UEL: N.A.
EXTINGUISHING MEDIA: WATER SPRAY, DRY CHEMICAL, FOAM, CARBON DIOXIDE.
WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL. IF A SPILL OR LEAK HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM FIRE.
SPECIAL FIRE FIGHTING PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.
UNUSUAL FIRE AND EXPLOSION HAZARDS: MAY PRESENT A FIRE AND EXPLOSION HAZARD WHEN DISPERSED AS A DUST.

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

STABILITY: STABLE
CONDITIONS TO AVOID: N.A.
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS.
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE AND/OR CARBON MONOXIDE.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: N.A.

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

ROUTES OF ENTRY: INHALATION? YES SKIN? NO INGESTION? NO

HEALTH HAZARDS:

EYES: DUST AND FUMES CAN CAUSE IRRITATION.

SKIN: MAY PRODUCE IRRITATION. EFFECTS ARE NORMALLY OF SHORT DURATION AND USUALLY ARE RESOLVED AFTER WASHING AFFECTED AREAS.

INGESTION: LOW TOXICITY.

INHALATION: DUST AND FUMES ARE IRRITATING TO THE NOSE, THROAT, AND UPPER RESPIRATORY TRACT. THIS EFFECT APPEARS TO BE OF A TRANSIENT NATURE WITH NO SIGNIFICANT RESIDUAL EFFECTS.

CARCINOGENICITY: NTP? NO IARC? NO OSHA? NO

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.D.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. DO NOT RUB EYES. GET MEDICAL ATTENTION.

SKIN: WASH AFFECTED AREAS WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE RE-USE. CONSULT PHYSICIAN IF IRRITATION PERSISTS.

INGESTION: GET MEDICAL ATTENTION.

INHALATION: REMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT APPLY OXYGEN. IF BREATHING HAS STOPPED APPLY ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

\*\*\*\*\* 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: SUITABLE FOR ORGANIC VAPORS.

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: SAFETY GOGGLES RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT: N.A.

WORK/HYGIENIC PRACTICES: WASH HANDS AFTER USING AND BEFORE EATING, DRINKING, AND SMOKING.

N.A. = NOT APPLICABLE

N.D. = NOT DETERMINED

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However LA-CO Industries, Inc./Markal Co. makes no representations as to its completeness or accuracy. Information is supplied upon condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will LA-CO Industries, Inc./Markal Co. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.

MSDS# A167 PRODUCT: THERMOMELT STIK and PELLETS 213 deg.F./101 deg.C.