

MATERIAL SAFETY DATA SHEET

11 OCTOBER 2007

MSDS ID# FINGERPRINT INK

PRODUCT NAME: LI FINGERPRINT LIGHT INK

PART #: 9002-01

SECTION 1	SUPPLIER INFORMATION
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COMMON NAME: LIGHT FINGERPRINT INK

CHEMICAL NAME: N/A

FORMULA/CAS: N/A

Anti-microbial Yes

SUPPLIER: HITT MARKING COMPANIES, INC.

ADDRESS: 3231 W. MACARTHUR BLVD.

CITY, STATE, ZIP: SANTA ANA, CA 92704

*****EMERGENCY PHONE:*****

US: (800) 969.6699 INT'L: (714) 979-1405

DATE ISSUED: 04-26-07 DATE REVISED: 10-11-07

SECTION 2	INGREDIENT INFORMATION
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LISTED BELOW ARE ALL THE HAZARDOUS INGREDIENTS, WITH CAS# AND HAZARD DATA, OF THIS MIXTURE. AVAILABLE HEALTH HAZARD AND PHYSICAL PROPERTY INFORMATION CONCERNING THE MIXTURE IS FURNISHED IN THIS DATA SHEET. IN THE EVENT OF A MEDICAL EMERGENCY, SPECIFIC CHEMICAL INFORMATION WILL BE MADE IMMEDIATELY AVAILABLE TO A TREATING PHYSICIAN OR NURSE.

<u>INGREDIENT(S)</u>	<u>CAS NUMBER</u>	<u>OSHA TLV</u>	<u>ACGIH TLV</u>
CARBON BLACK	1333-86-4	3.5 MG/M	2.5 MG/M
POLYPROPYLENE GLYCOL	9003-11-6	NOT ESTAB.	NOT ESTAB.
2-ETHYL-1, 3-HEXANDIOL	94-96-2	NOT ESTAB.	NOT ESTAB.

SECTION 3	PHYSICAL/CHEMICAL PROPERTIES
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PHYSICAL FORM: : LIQUID

ORDOR: : MODERATE

BOILING POINT (°F) : 469
VAPOR PRESSURE (mm Hg) : <1
VAPOR DENSITY (Air=1) : <1
SOLUBILITY IN WATER: 4.2%
SPECIFIC GRAVITY (H2O-1) : .942

*****APPEARANCE AND ODOR*****
BLACK 39-82-A1

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : (°F, TCC) 276
FLAMMABLE LIMITS LEL: NOT ESTAB. UEL: NOT ESTAB.
LEL VALUE REPORTED IS LOWEST LISTED FOR ANY INGREDIENTS IN MIXTURE.
EXTINGUISHING MEDIA: WATER, FOAM, DRY CHEMICAL, CO2
SPECIAL FIREFIGHTING PROCEDEURES: FIREFIGHTERS SHOULD WEAR APPROVED SELF-CONTAINED BREATHING APPRATUS. MOVE CONTAINERS FOROM FIRE AREA OR COOL SEALED CONTAINERS WITH WATER.

*****NFPA HAZARD CLASSIFICATION*****
FLAMMABLE: 0 HEALTH: 1 REACTIVITY: 0 SPECIAL: 0
*****EXTINGUISHING MEDIA*****
WATER, DRY CHEMICAL, ALCOHOL FOAM, CO2
*****SPECIAL FIRE FIGHTING PROCEDURES*****
NONE KNOWN
*****UNUSUAL FIRE FIGHTING PROCEDURES*****
NONE KNOWN

SECTION 5 REACTIVITY DATA

STABILITY : PRODUCT IS STABLE
AVOID : NONE
*****INCOMPATIBILITY (MATERIALS TO AVOID)*****
STRONG OXIDIZING AGENTS.
*****HAZARDOUS DECOMPOSITION OR BY-PRODUCTS*****
NONE KNOWN
POLYMERIZATION: POLYMERIZATION WILL NOT OCCUR
AVOID : NONE

SECTION 6 HEALTH HAZARD IDENTIFICATION AND DATA

EMERGENCY OVERVIEW: AS NOTED IN THE PREFACE TO PUBLISHED VALUES ADOPTED BY THE ACGIH, TLV'S REPRESENT "CONDIITIONS UNDER WHICH IT

IS BELIEVED THAT NEARLY ALL WORKERS MAY BE REPEATEDLY EXPOSED DAY AFTER DAY WITHOUT ADVERSE EFFECT. BECAUSE OF WIDE VARIATION IN INDIVIDUAL SUSCEPTIBILITY HOWEVER, A SMALL PERCENTAGE OF WORKERS MAY EXPERIENCE DISCOMFORT FROM SOME SUBSTANCES AT CONCENTRATION AT OR BELOW THE THRESHOLD LIMIT; A SMALLER PERCENTAGE MIGHT BE AFFECTED MORE SERIOUSLY BY AGGRAVATION OF A PRE-EXISTING CONDITION OR BY DEVELOPMENT OF OCCUPATIONAL ILLNESS.

*****ROUTES OF ENTRY*****

INHALATION UNLIKELY TO CAUSE ADVERSE HEALTH EFFECTS AT AMBIENT TEMPERATURE. MIST OR VAPOR GENERATED AT HIGH TEMPERATURES MAY BE IRRITATING AND COULD BE HARMFUL.

SKIN BRIEF CONTACT IS NOT IRRITATING.

INGESTION MAY CAUSE MILD IRRITATION OF THE MOUTH AND THROAT, DIARRHEA, MALAISE, NAUSEA, VOMITING.

EYES CAUSES SEVERE IRRITATION SEEN AS MARKED REDNESS AND/OR TEMPORARY SWELLING WITH MODERATE DISCHARGE.

*****ACUTE AND CHRONIC HEALTH HAZARDS*****

MAY CAUSE SKIN OR EYE IRRITATION

*****SIGNS AND SYMPTOMS OF EXPOSURE*****

INK MAY CAUSE EYE IRRITATION. INK MAY CAUSE SKIN TO STAIN.

*****MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE*****

NONE KNOWN

*****EMERGENCY AND FIRST AID PROCEDURES*****

INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION AS NEEDED.

EYES: IMMEDIATELY FLUSH WITH WATER CONTINUOUSLY FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION AS NEEDED.

SKIN: WASH WITH SOAP AND WATER. SEEK MEDICAL ATTENTION AS NEEDED FOR HYPERSENSITIVITY.

INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN AND SEEK MEDICAL ATTENTION PROMPTLY.

SECTION 7

FIRST AID MEASURES

INGESTION: GET MEDICAL HELP IMMEDIATELY.

EYES: FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.

SKIN: REMOVE CONTAMINATED CLOTHING. WIPE EXCESS MATERIAL FROM SKIN AND FLUSH WITH WATER. USE SOAP IF AVAILABLE

INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING. GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION.

****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED****
SOAK UP SPILL WITH INERT MATERIAL SUCH AS; VERMICULITE, DRY CLAY ABSORBENT OR CHEMSORB. WIPE UP SMALL SPILLS WITH A CLOTH OR TOWEL. PREVENT RUN-OFF FROM ENTERING DRAINS, SEWERS OR RIVERS.

*****WASTE DISPOSAL*****
WASTE DISPOSAL SHOULD BE IN ACCORDANCE WITH EXISTING FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS

*****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE*****
STORE IN COOL, DRY AREA. AVOID FREEZING, SPARKS AND OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE.

*****OTHER PRECAUTIONS*****
WEAR SAFETY GOGGLES AT ALL TIMES WHEN USING THIS LIQUID TO AVOID THE POSSIBILITY OF SPLASHING IN THE EYES.

*****HANDLING AND STORAGE*****
STORAGE TEMPERATURE: 40-90°F

SHELF LIFE: RECOMMENDED USE WITHIN 12 MONTHS.

HANDLING AND STORAGE PRECAUTIONS: CONTAINERS DO NOT HAVE TO BE GROUNDED AND BONDED, BUT IT IS RECOMMENDED AS GOOD PRACTICE. STORE IN COOL, DRY PLACE.

SECTION 8

CONTROL / EXPOSURE MEASURES

*****RESPIRATORY/VENTILATION *****
IF WORKPLACE EXPOSURE LIMITS OF PRODUCT OR ANY COMPONENT IN EXCEEDED, NIOSH/MSHA APPROVED RESPIRATORY PORTECTION MUST BE

USED.

***** EYE PROTECTION *****
EYE PROTECTION SUCH AS CHEMICAL SPLASH GOGGLES AND/OR FACE SHIELD
MUST BE WORN WHEN POSSIBILITY EXISTS FOR EYE CONTACT DUE TO
SPLASHING OR SPRAYING LIQUID, AIRBORNE PARTICLES OR VAPOR. HAVE
EYEWASH FACILITIES AVAILABLE.

*****OTHER PROTECTION*****
GLOVES : CHEMICAL RESISTANT
EYE PROTECTION : CHEMICAL SAFETY GOGGLES
SKIN PROTECTION: NOT APPLICABLE
ENGINEERING CONTROLS: PROVIDE LOCAL EXHAUST R GENERAL ROOM
VENTILATION OT MINIMIZE EXPOSURE TO VAPORS.

*****CLOTHING*****
IMPERMEABLE APRON TO PREVENT THE STAINING OF CLOTHES.

*****PHYSICAL & CHEMICAL PROPERTIES*****
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SECTION 9	REACTIVITY
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STABLE: YES

HAZARDOUS: NO
POLYMERIZATION

INCOMPATIBILITIES: STRONG OXIDIZING AGENTS

DECOMPOSITION CO₂, CO
PRODUCTS:

SECTION 10	TOXOLOGICAL INFORMATION
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NO DATA AVAILABLE

SECTION 11	ECOLOGICAL INFORMATION
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NO DATA AVAILABLE

SECTION 12	DISPOSAL CONSIDERATIONS
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CONSULT FEDERAL, STATE AND LOCAL REGULATIONS FOR ACCEPTED

PROCEDURES OF DISPOSAL, AND ANY REPORTING OR NOTIFICATION
REQUIREMENTS.

SECTION 13	TRANSPORTATION INFORMATION
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DOT SHIPPING NAME:	PRINTING INK
DOT HAZARD CLASS:	NOT REGULATED
UN NUMBER:	NONE
FREIGHT CLASS:	55

SECTION 14	REGULATED INFORMATION
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TSCA STATUS	LISTED
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