

HILLHOUSE & ASSOC. (AMERICAN CODING & MARKING INK) -- CODING & MARKING INK, 4134, BLACK, WHITE, BLUE, BRONZE -- 7510-00-224-6732

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Product Identification
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Product ID:CODING & MARKING INK, 4134, BLACK, WHITE, BLUE, BRONZE

MSDS Date:03/16/1994

FSC:7510

NIIN:00-224-6732

MSDS Number: CCHR V

=== Responsible Party ===

Company Name:HILLHOUSE & ASSOC. (AMERICAN CODING & MARKING INK)

Address:335 C

ONVENTION WAY

Box:5263

City:REDWOOD CITY

State:CA

ZIP:94063-5363

Country:US

Info Phone Num:415-366-2285

Emergency Phone Num:415-366-2285

CAGE:1X690

=== Contractor Identification ===

Company Name:AMERICAN CODING AND MARKING INK CO

Address:1220 NORTH AVENUE

Box:City:PLAINFIELD

State:NJ

ZIP:07062

Country:US

Phone:908-756-0373; 908-769-1386

CAGE:0HB89

Company Name:HILLHOUSE & ASSOC. (AMERICAN CODING & MARKING INK)

Address:335 CONVENTION WAY

Box:5263

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State:CA

ZIP:94063-5363

Country:

US

Phone:415-366-2285

CAGE:1X690

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Composition/Information on Ingredients
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Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/150STEL;9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:NAPHTHALENE (SARA 313) (CERCLA) (MFR MISSPELLED:
NAPHTRALENE)

CAS:91-20-3

RTECS #:QJ0525000

OSHA PEL:10 PPM
ACGIH TLV:10 PPM/15 STEL; 9596
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:CUMENE (SARA 313) (CERCLA)
CAS:98-82-8
RTECS #:GR8575000
Fraction by Wt: 60%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 50 PPM; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute

and Chronic:ACUTE: INGESTION MAY BE HARMFUL;
SEVERE IRRITATION/CORROSIVE TO GI TRACT, CNS/SYSTEMIC EFFECTS. MAY
CAUSE IRRITATION OF SKIN & EYES. MAY BE HARMFUL IF INHALED; MAY
CAUSE RESPIRATORY IRRITATION, TOXIC. CHRONIC: NONE SPECIFIED BY
MANUFACTURER.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INGESTED-IRRITATION/CORROSIVE TO GI TRACT,
HEADACHE, DIARRHEA,
DROWSINESS, BREATHING DIFFICULTIES, NAUSEA,
VOMITING, UNCONSCIOUSNESS. EYES-IRRITATION, REDNESS, BLURRED
VISION. INHALED-NASAL/RESPIRATORY IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR
15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP &
WATER. INHALED-REMOVE TO FRESH AIR. INGESTED-DO NOT

INDUCE

VOMITING! GET IMMEDIATE MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:110F,43C

Lower Limits:0.5

Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL,
MULTIPURPOSE FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. FIGHT
AS VOLATILE LIQUID FIRE. WATER MAY SPREAD FIRE.

Unusual Fire/Explosion Hazard:USE WATER SPRAY TO COOL FIRE EXPOSED
SURFACES & TO PROTECT PERSONNEL. E

MPTY CONTAINERS RETAIN RESIDUE

LIQUID &/OR VAPOR & CAN BE DANGEROUS. DO NOT PRESSURIZE.

===== Accidental Release Measures =====

Spill Release Procedures:SECURE AREA. ELIMINATE ALL SOURCES OF
IGNITION. ABSORB WITH INERT MATERIAL SUCH AS SAND, FILTER IAD,
VERMICULITE. PREVENT LARGE SPILLS FROM ENTERING SEWERS/WATER
COURSES. DIKE WITH SAND OR EATH. RECOVER BY PUMP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and
Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE IN TIGHTLY
CLOSED CONTAINERS OR PROPERLY VENTED CONTAINERS AWAY FROM SOURCES
OF IGNITION AND INCOMPATIBLE MATERIALS.

Other Precautions:CONTAINERS MUST BE PROPERLY BONDED & GROUNDED.
ADEQUATE VENTILATION MUST BE PROVIDED. UNSCREW ALL CAPS CAREFULLY.
DO NOT WEAR CONTACT LENSES.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE

OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH
ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS
REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR
LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:CHEMICAL SAFETY GLOVES-NITRILE, PVA.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING: SLEEVES, APRON, BOOTS,
H

EAD GEAR AS REQUIRED. EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:F4

Boiling Pt:B.P. Text:320F,160C

Vapor Pres:1

Vapor Density:4

Spec Gravity:1.09

Evaporation Rate & Reference:0.4 (METHOD NOT GIVEN)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:FLUID PIGMEN

T COLORED LIQUID; CHARACTERISTIC ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES, ALKALI METALS,
HALOGENS, SELECTED AMINES.

Stability Condition to Avoid:DO NOT STORE IN CONTAINERS OF ALUMINUM,
COPPER, ZINC.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE,
AROMATIC HYDROCARBON VAPORS.

===== Disposal Considerations =====

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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL ENVIRONMENTAL REGULATIONS.

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