

69530-1010**MATERIAL SAFETY DATA SHEET**

COMPANY NAME: LOEW-CORNELL, INC.
400 Sylvan Avenue, Englewood Cliffs, NJ 07632
Phone: 201-836-7070 Fax: 201-836-8110
E-mail: loew-cornell@loew-cornell.com
www.loew-cornell.com

PRODUCT NAME: HB pencil **NUMBER:** CH-1

CHEMICAL NAME:

CHEMICAL FAMILY:

Base Ingredients: %

Paint	1
Wood	90
Lead	9

Base Ingredients of Lead: %

Clay	20
Graphite	80

PHYSICAL DATA

BOILING POINT: N/A

SPECIFIC GRAVITY (H₂O = 1): N/A

VAPOR DENSITY (air = 1): N/A

% VOLATILES BY VOLUME: N/A

APPEARANCE AND ODOR: Odorless

FREEZING POINT: N/A

VAPOR PRESSURE AT 20° C: N/A

SOLUBILITY IN WATER (% BY wt.):

EVAPORATION RATE (Butyl Acetate = 1): N/A

Item #CH-1 HB pencil For more information, contact: (201) 836-7070 Page 1 of 2

While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data is not to be taken as a warranty or representation for which we assume legal responsibility. It is offered solely for your consideration and verification. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state, and local laws and regulations.

MATERIAL SAFETY DATA SHEET

COMPANY NAME: LOEW-CORNELL, INC.
400 Sylvan Avenue, Englewood Cliffs, NJ 07632
Phone: 201-836-7070 Fax: 201-836-8110
E-mail: loew-cornell@loew-cornell.com
www-loew-cornell.com

PRODUCT NAME: Cartooning pen **NUMBER:** CH-1

CHEMICAL NAME:

CHEMICAL FAMILY:

Base Ingredients: %

ABS:	60
Carbon Black:	4
Ethyl Alcohol:	33
PVB:	3

Pigments (shown as follows):

Black

PHYSICAL DATA

BOILING POINT: 90°C	FREEZING POINT: -110°C
SPECIFIC GRAVITY (H ₂ O = 1): 0.8	VAPOR PRESSURE AT 20° C: N/A
VAPOR DENSITY (air = 1): 1.25	SOLUBILITY IN WATER (% BY wt.): yes
% VOLATILES BY VOLUME: N/A	EVAPORATION RATE (Butyl Acetate = 1): 1:1
APPEARANCE AND ODOR: Liquid in plastic cylinder	

Item #CH-1 cartooning pen For more information, contact: (201) 836-7070

Page 1 of 2

While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data is not to be taken as a warranty or representation for which we assume legal responsibility. It is offered solely for your consideration and verification. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state, and local laws and regulations.

HAZARDOUS INGREDIENTS

N/A

FIRE & EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD): 200°C AUTO IGNITION TEMPERATURE: N/A
FLAMMABLE LIMITS IN AIR, % BY VOLUME: LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIA: None
SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HEALTH HAZARD DATA - Emergency and First Aid Procedures

EYE: Immediately flush with water and see a physician.

SKIN: Wash with soap and water

INHALATION: Remove to fresh air. Seek medical attention as needed.

INGESTION: Induce vomiting. Drink large volume of water. Seek medical attention as needed.

PRECAUTIONS FOR SAFE HANDLING AND USE

Spills: N/A

Waste Disposal: Should be in accordance with local, state, and federal regulations

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not required

VENTILATION: Not required

PROTECTIVE GLOVES: Not required

EYE PROTECTION: Not required

OTHER PROTECTIVE GEAR: Not required

SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING: None

Loew-Cornell® (CH-1 cartooning pen)
Conforms to ASTM D-4236

Item #CH-1 cartooning pen

For more information, contact: (201) 836-7070

Page 2 of 2

While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data is not to be taken as a warranty or representation for which we assume legal responsibility. It is offered solely for your consideration and verification. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state, and local laws and regulations.
2/06

MATERIAL SAFETY DATA SHEET

COMPANY NAME: LOEW-CORNELL, INC.
400 Sylvan Avenue, Englewood Cliffs, NJ 07632
Phone: 201-836-7070 Fax: 201-836-8110
E-mail: loew-cornell@loew-cornell.com

PRODUCT NAME: Brush pens **NUMBER:** CH-1

CHEMICAL NAME:

CHEMICAL FAMILY:

Base Ingredients: %

PP:	60
PE:	5
Nylon Fabric:	5
Cotton Fabric:	11
Pigment:	15
Anticorrosive:	1
Water:	3

Pigments (shown as follows):

Purple
Blue
Green
Yellow
Dark Blue
Light Green
Brown
Red

PHYSICAL DATA

BOILING POINT: 105°C	FREEZING POINT: -10°C
SPECIFIC GRAVITY (H ₂ O = 1): 10	VAPOR PRESSURE AT 20° C: N/A
VAPOR DENSITY (air = 1): 1.00	SOLUBILITY IN WATER (% BY wt.): yes
% VOLATILES BY VOLUME: N/A	EVAPORATION RATE (Butyl Acetate = 1): 1:1

APPEARANCE AND ODOR: liquid in plastic cylinder

Item #CH-1 brush pens

For more information, contact: (201) 836-7070

Page 1 of 2

While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data is not to be taken as a warranty or representation for which we assume legal responsibility. It is offered solely for your consideration and verification. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state, and local laws and regulations.

