

12/3

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department Of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

UNV 15611

IDENTITY:(As Used on Label and List) **BALL PEN INK-BLACK**

Note: Blank Spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section IManufacturer's Name : **CAIMON ENTERPRISE CO., LTD.**Emergency Telephone Number : **caimon@ms12.hinet.net**

Address (Number, Street City, State, and ZIP Code) :

Telephone Number for Information : **886-4-8317905**FAX : **886-4-8317889**

**NO. 88, FARYUAN STREET, YUANLIN,
CHANGHUA 510, TAIWAN**

Date Prepared:

Signature of Preparer (optional):

BIRMINGHAM CHIEU**Section II - Hazardous Ingredients/Identity Information**

CAS-no.	Substance	OSHA PEL conc. range %'	ACGIH TLV classification (8) (European Union)	Other Limits	
				Recommended	% (optional)
107-41-5	2-methyl pentane-2,4-diol	2.5 - 10 Xi	36/38		
000495-54-5	Cl Solvent Orange 3	2.5 - 10 Xn	22		
000122-99-6	2-Phenoxyethanol	10 - 25 Xn	22-36		
52080-58-7	Cl Solvent Violet 8	2.5 - 10 Xn	22-36-40		

Section III - Physical/Chemical Characteristics

Boiling Point : 100 Degree Celsius

Specific Gravity (H2O = 1) : ca. 1.03

Vapor Pressure (mm Hg) : NO

Density (g/ml)

Melting Point : < 0 Degree Celsius

Vapor Density (AIR = 1) : >1

Evaporation Rate : > 1
(Butyl Acetate = 1)

Solubility in Water: Insoluble

Appearance and Odor : Appearance: Liquid

Odor: Typical

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) : > 100 Degree Celsius

Flammable Limits : LEL: UEL:
(VOL. %) 1.0 12.

Extinguishing Media : Alcohol resistant foam CO2, powders, water spray

Special Fire Fighting Procedures : Cool containers exposed to fire with water do not use waterjet
Autoignition temperature (Degree Celsius): 200

Unusual Fire and Explosion Hazards :

Carbon monoxide and dioxide, smoke and oxides of nitrogene

lg 3

Section V -- Reactivity DataStability Unstable Conditions to Avoid : Avoid heating above 60 Degree CelsiusStable

Incompatibility (Materials to Avoid): Concentrated oxidizing or reducing agents

Hazardous Decomposition or Byproducts : No hazardous decomposition products known

Hazardous May Occur Conditions to Avoid: nonePolymerization: Will Not Occur **Section VI -- Health Hazard Data**

Route(s) of Entry: Inhalation?

Remove for fresh air, keep patient warm and at rest; if breathing is irregular or stopped, administer artificial respiration if unconscious place in recovery position and seek for medical advice

Health Hazards (Acute and Chronic):

Acute (5) : 2500 mg/kg /

Chronic (5) n.d.

Skin?

Remove moistened clothing, wash with soap and water, do not use solvents or thinners!

Ingestion?

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting.

Carcinogenicity: NTP?

None of the used chemicals are known to be carcinogenes

IARC Monographs?

OSHA Regulated?

Signs and Symptoms of Exposure: not known

Medical Conditions

Generally Aggravated By Exposure: n.d. (not determined)

Emergency and First Aid Procedures:

Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled : Absorb with appropriate liquid binding material and dispose of according to local regulations.

Waste Disposal Method: burn in a licensed incinerator, treat in a biological clarification plant; product may not get untreated into waters.

Precautions to Be Taken in Handling and Storing: Keep containers tightly closed
protect drums from the influence of weather.

Other Precautions:

Product should not get untreated into waters

Section VIII -- Control Measures

Respiratory Protection (Specify Type): not necessary, good room ventilation is sufficient

Ventilation: Local Exhaust : Special:

Mechanical (General): not necessary

Other:

Protective Gloves

Eye Protection: rubber or plastic gloves, protective glasses

Other Protective Clothing or Equipment :

Work/Hygienic Practices:

pay attention to the usual rules for handling chemicals