

# Safety Data Sheet

## BALL PAINT MARKER BLACK

Product: PA431

Revision date: 2018/04/27

### Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Ball Paint Marker.

**Synonyms:** Ball Paint Marker - White, Yellow, Red, Black, Blue, Green, Orange.

**Chemical family:** Mixture.

**Product uses:** Paint

**Supplier:** Same as manufacturer.

**Manufacturer:** LA-CO Industries, Inc.,  
1201 Pratt Blvd.  
Elk Grove Village, Illinois, USA  
60007-5746  
847-956-7600.

**Manufacturer emergency phone number:** Chemtrec 800-424-9300 (24h).

**Information phone number:** 847-956-7600.

### Section 2: HAZARD IDENTIFICATION

#### GHS Classification

**Health Hazard Class(es):** No health hazard class.

**Physical Hazard Class(es):** No physical hazard class.

**Environmental Hazard Class(es):** No environmental hazard class.

#### GHS Label Elements

**Symbol:** Non hazardous - no GHS symbol.

**Signal word:** None required.

**Hazard statement(s):** H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.

**Precautionary statement(s):** None

**Other hazard(s):** 0.26 percent of the mixture consists of ingredients of unknown acute toxicity (oral, dermal, inhalation).

### Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name
107-98-2	*	PROPYLENE GLYCOL METHYL ETHER
108-65-6	*	2-METHOXY-1-METHYL ETHYL ACETATE
1333-86-4	*	CARBON BLACK
141-78-6	*	ETHYL ACETATE
2786-76-7	*	PIGMENT RED 170
64-17-5	*	ETHYL ALCOHOL
67-63-0	*	2-PROPANOL

#### Section 4: FIRST AID MEASURES

- Skin contact:** Remove contaminated clothing.  
Flush with large amounts of water, for at least 15 minutes.  
Seek medical attention if irritation persists.
- Eye contact:** Flush with plenty of water.  
Seek medical attention if irritation persists.
- Inhalation:** Remove victim to fresh air.  
Keep person warm and at rest.  
If irritation occurs, consult a physician.
- Ingestion:** Do not induce vomiting, seek medical attention.

#### Section 5: FIRE FIGHTING MEASURES

- Flammability:** Flammable.
- Extinguishing media:** Carbon dioxide, dry chemical, foam.  
Water spray or fog.  
Inert gas.
- Conditions of flammability:** Heat, sparks and open flames.
- Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.  
Use water to cool fire exposed containers.
- Sensitivity to static discharge:** Take precautionary measures against static discharge.
- Sensitivity to mechanical impact:** Not available.
- Rate of burning:** Not available.
- Hazardous combustion products:** Oxides of carbon (CO, CO<sub>2</sub>).  
Irritating and/or toxic gases or fumes.

#### Section 6: ACCIDENTAL RELEASE MEASURES

- Leak/Spill:** Provide adequate ventilation.  
Eliminate all sources of ignition.  
Contain the spill.  
Soak up with an absorbent material.  
Dike area to prevent spreading.  
Evacuate all non-essential personnel.  
Prevent entry into drains, sewers, and other waterways.  
Stop leak if without risk.  
Use a non-combustible absorbent material.  
Wear appropriate protective equipment.  
Ground handling equipment.  
No smoking in spill area.  
Place in a closed container for disposal.

## Section 7: HANDLING AND STORAGE

**Handling procedures:** Avoid smoking, drinking, or eating during use.  
Keep away from heat, sparks, and open flame.  
Avoid breathing vapors/mists.  
Use adequate ventilation.  
Handle with care.  
Wear personal protective equipment appropriate to task.  
Wash thoroughly after handling.  
Keep out of reach of children.  
Use non-sparking tools.  
Use proper grounding procedures.  
Avoid contact with skin, eyes and clothing.  
Use with explosion proof equipment.  
Launder contaminated clothing prior to reuse.  
Keep away from open flames.

**Storage procedures:** Store away from incompatible materials.  
Keep containers closed when not in use.  
Keep out of direct sunlight.  
Keep away from ignition sources.  
Store in a cool, dry and well ventilated area.  
Keep in fireproof surroundings.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Gloves/Type:** None required with normal use.

**Respiratory/Type:** None required under normal use.

**Eye/Type:** None required for normal use.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:** Normal work clothes.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** To maintain exposure below TLV.  
Adequate ventilation.

**Exposure limit of material:** No exposure limit established for the product.

### Ingredients:

C.A.S.	Ingredient Name	TLV
107-98-2	PROPYLENE GLYCOL METHYL ETHER	100 PPM
108-65-6	2-METHOXY-1-METHYL ETHYL ACETATE	NOT AVAILABLE
1333-86-4	CARBON BLACK	3 MG/M3
141-78-6	ETHYL ACETATE	400 PPM
2786-76-7	PIGMENT RED 170	NOT AVAILABLE
64-17-5	ETHYL ALCOHOL	1000 PPM
67-63-0	2-PROPANOL	200 PPM

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid.

**Appearance & odor:** Solvent odour.  
Various colors.  
Solid marker containing liquid colored paint.

**Odor threshold (ppm):** Not available.  
**pH:** Not available.  
**Boiling point (°C):** 120°C (248°F).  
**Freezing point (°C):** Not available.  
**Flash point (°C), method:** 13  
**Auto-ignition temperature (°C):** 287°C (549°F).  
**Explosive power:** Vapours may form explosive mixture in air.  
**Vapour pressure (mmHg):** 11.8  
**Specific gravity @ 20 °C:** Not available.  
**Relative density:** 1-1.33.  
**Vapour density (air=1):** Not available.  
**Evaporation rate (butyl acetate = 1):** <1  
**Solubility in water (%):** Insoluble.  
**Coefficient of water\oil dist.:** Not available.  
**VOC:** 50-60%.

#### Section 10: STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions.  
**Conditions of instability:** Open flames.  
Direct sunlight.  
**Hazardous polymerization:** Will not occur.  
**Incompatible substances:** Strong oxidizing agents.  
**Hazardous products of decomposition:** See hazardous combustion products.

#### Section 11: TOXICOLOGICAL INFORMATION

##### Effects of Acute Exposure

**Route of entry:** Inhalation, skin and eye contact.  
**Eye contact:** Causes serious eye damage.  
**Skin contact:** May cause allergic reaction.  
**Inhalation:** Vapors may cause drowsiness and dizziness.  
**Ingestion:** No effects known. But ingestion is not recommended.  
**Effects of chronic exposure:** None known.  
**Sensitization to product:** Not available.  
**Carcinogenic effects:** Carbon black is a known carcinogen.  
**Reproductive effects:** Not available.  
**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

**LD50 of product, species & route:** No LD50 value established for the product.

**LC50 of product, species & route:** No LC50 value established for the product.

**Ingredients:**

C.A.S.	Ingredient Name	LD50	LC50
107-98-2	PROPYLENE GLYCOL METHYL ETHER	6600 MG/KG RAT ORAL 11,700 MG/KG MOUSE ORAL 5700 MG/KG RABBIT ORAL 13,000 MG/KG RABBIT DERMAL	10,000 PPM/5H RAT INHALATION
108-65-6	2-METHOXY-1-METHYL ETHYL ACETATE	8532 MG/KG RAT ORAL >5000 MG/KG RABBIT DERMAL	NOT AVAILABLE
1333-86-4	CARBON BLACK	>15,400 MG/KG RAT ORAL  >3,000 MG/KG RABBIT DERMAL	NOT AVAILABLE
141-78-6	ETHYL ACETATE	5620 MG/KG RAT ORAL 4100 MG/KG MOUSE ORAL 4935 MG/KG RABBIT ORAL >20 ML/KG RABBIT DERMAL	200,000 MG/M3 RAT INHALATION 45,000 MG/M3/2H MOUSE INHALATION 1600 PPM/8H RAT INHALATION >6000 PPM/6H RAT INHALATION
2786-76-7	PIGMENT RED 170	NOT AVAILABLE	NOT AVAILABLE
64-17-5	ETHYL ALCOHOL	7060 MG/KG RAT ORAL 3450 MG/KG MOUSE ORAL 6300 MG/KG RABBIT ORAL	20,000 PPM/10H RAT INHALATION  39,000 MG/M3/4H MOUSE INHALATION
67-63-0	2-PROPANOL	5000 MG/KG RAT ORAL  3600 MG/KG MOUSE ORAL  6410 MG/KG RABBIT ORAL  12,800 MG/KG RABBIT DERMAL	53,000 MG/M3 MOUSE INHALATION 72,600 MG/M3 RAT INHALATION 16,000 PPM/8H RAT INHALATION

**Section 11A: ADDITIONAL INGREDIENT INFORMATION**

**Note:** (supplier).

CAS# 1333-86-4: LD50 8000 mg/kg rat oral.

CAS# 107-98-2: LC50 7000 ppm/6h rat inhalation.

CAS# 64-17-5: LD50 20,000 mg/kg rabbit dermal.

CAS# 108-65-6 LC50 4345 ppm rat 6 hr.

CAS# 67-63-0: LC50 >10,000 ppm rat 4hr.

CAS# 108-65-6: LD50 >2000 mg/kg rat dermal.

CAS# 141-78-6: LC50 >18 mg/l/4h rat inhalation.

CAS# 64-17-5: LC50 133.8 mg/l/4h rat inhalation.

CAS# 107-98-2: LD50 4016 mg/kg rat oral.

CAS# 107-98-2: LD50 >2000 mg/kg rat dermal.

CAS# 2786-76-7: LD50 >15000 mg/kg rat oral.

CAS# 2786-76-7: LD50 >1580 mg/m3 rat 4 hr.

CAS# 1333-86-4: LC50 >4.6 mg/m3 rat 4 hr.

## Section 12: ECOLOGICAL INFORMATION

**Environmental fate:** No data at this time.

**Environmental toxicity:** No data at this time.

## Section 13: DISPOSAL CONSIDERATIONS

**Waste disposal:** In accordance with municipal, provincial and federal regulations.

## Section 14: TRANSPORT INFORMATION

**TDG classification:**

PAINT  
UN1263  
Class 3  
PG II.



## Section 15: REGULATORY INFORMATION

**DSL status:** Appears on DSL.

## Section 16: OTHER INFORMATION

**Data prepared by:** Conform-Action Data Systems  
A division of 2843471 Canada Inc.  
1840 Transcanada, suite 101  
Dorval, QC H9P 1H7  
Tel: (514) 683-2060  
Fax: (514) 683-1445  
support@netmsds.com.

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