

MSDS - Material Safety Data Sheet**Product Name: Valve Action Invisible Paint Marker**

MSDS No.: TDTUV100

I. Basic Information:**Manufacturer:** LA-CO Markal**Address:** 1201 Pratt Blvd**City, ST Zip:** Elk Grove Village, IL 60007**Country:** USA**Contact:** Sirchie Tech Support**Information Telephone Number:** 919-554-2244**Emergency Contact:** CHEM-TREC**Emergency Telephone Number:** 800-424-9300**Emergency Restrictions:****Product Name:** Valve Action Invisible Paint Marker**MSDS No.:** TDTUV100**Issue Date:** 09/12/2011**Supersedes Date:** Not Available**II. Hazards Identification:****EMERGENCY OVERVIEW**

This product is considered to be non-hazardous under OSHA Standard 29CFR 1910, 1200

OSHA Regulatory Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product.

Potential Health Effects**Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

No health effects expected

Signs and Symptoms:

None expected

Medical Conditions Generally Aggravated by Exposure:

Skin sensitivity

Other Health Warnings:

If irritation or discomfort occurs, obtain medical advice immediately

Potential Environmental Effects

Not Available

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
1-Methoxypropan-2-ol	107982	40-70%	
Dyes	0	Proprietary	
Ethanol	64175	10-16%	
Ethyl acetate	141786	0.1 - 1.1	
Isopropanol	67630	0.5 - 2.5%	

IV. First Aid Measures:**Emergency and First Aid Procedures:**

MSDS - Material Safety Data Sheet

Product Name: Valve Action Invisible Paint Marker

MSDS No.: TDTUV100

Inhalation: It is unlikely that emergency treatment will be required. Get medical attention if needed

Ingestion: Seek medical attention.

Skin contact: It is unlikely that emergency treatment will be needed. If adverse conditions occur, wash with soap and water. Seek medical attention if needed

Eyes: Wash with large amounts of water. Get medical attention if needed.

Note to Physicians:

None specified

V. Fire Fighting Measures:

Suitable Extinguishing Media:

Use proper extinguishing media suitable for surrounding fire.

Unsuitable Extinguishing Media:

Wear self-contained breathing apparatus and protective clothing.

Products of Combustion:

N/A

Protection of Firefighters:

Normal turnout gear

VI. Accidental Release Measures:

Personal Precautions:

Exposure is not considered hazardous or dangerous.

Environmental Precautions:

Not fully investigated

Methods for Containment:

Keep tightly sealed when not in use.

Methods for Cleanup:

Spills are unlikely due to method of packaging

Other Information:

Wipe up with absorbent material and dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Handling Precautions:

DO NOT shake marker. Keep cap on marker when not in use. Avoid ignition sources (heat, open flame, spark).

Storage Precautions:

Store in cool, dry location

VIII. Exposure Controls/Personal Protection:

MSDS - Material Safety Data Sheet

Product Name: Valve Action Invisible Paint Marker

MSDS No.: TDTUV100

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Dyes	NE	NE	Not Available
1-Methoxypropan-2-ol	N/E	N/E	Not Available
Ethanol	1,000 ppm	1,000 ppm	57 F
Isopropanol	400ppm	400ppm	Not Available
Ethyl acetate	400 ppm	400 ppm	24 F

Engineering Controls:

Use only in well-ventilated areas.

Personal Protective Equipment:

Safety glasses

IX. Physical and Chemical Properties:

Boiling Point: 248 F

Boiling Range: 248F

Solubility In Water: Insoluble in water

Flash Point: 84 F

Odor Threshold: N/A

Vapor Density (AIR = 1): NE

pH Range: N/A

Decomposition Temp: N/A

Lower Explosive Limit: N/A

Specific Gravity (H2O = 1): Not Available

Other Information: None specified

Melting Point: NE

Freezing Point: N/A

Evaporation Rate (Butyl Acetate = 1): 1.3

Flash Point Method: N/A

Appearance and Odor: Clear liquid; alcohol odor

Vapor Pressure (mm Hg.): 11.8

Partition Coefficient: N/A

Auto-Ignition Temp: 594F

Upper Explosive Limit: 14.0%

X. Stability and Reactivity:

Stability:

Stable

Conditions to Avoid:

Open flame

Incompatible Materials:

Ignition sources (heat, open flame, spark)

Hazardous Decomposition Products:

None specified

Possibility of Hazardous Reactions:

Will not occur.

XI. Toxicological Information:

Toxicity data is not available for liquid inside markers. Substances may be considered irritants by inhalation or with skin and eye contact. Exposure to these substances by the user is not expected when marker is used for its intended purpose.

XII. Ecological Information:

Prevent from entering sewers or waterways. May be harmful to some aquatic life.

MSDS - Material Safety Data Sheet

Product Name: Valve Action Invisible Paint Marker

MSDS No.: TDTUV100

XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

XIV. Transport Information:

Shipping Name: Not Available

DOT Hazard Class: Not Available

DOT Subsidiary Hazard Class: Not Available

UN/NA#: Not Available

Packing Group: Not Available

Transportation Information:

Avoid ignition sources (heat, open flame, spark).

XV. Regulatory Information:

This product is not considered toxic under Federal Hazardous Substances Act regulations, Title 16, Part 1500.

The OSHA Hazard Communication Standard does not apply to the product described in this MSDS. The reason for the exemption is contained in 29 CFR, Part 1910.1200, (b) (6) (ix), as amended July 1, 1994, per the Code of Federal Regulations.

XVI. Other Information:

- Chemical State:** Liquid Gas Solid
- Chemical Type:** Pure Mixture
- Hazard Category:**
- Acute Chronic Fire
 Pressure Reactive



Additional Manufacturer Warnings:

Using this product under normal, properly instructed procedures should not be hazardous.

The information in this MSDS is forwarded to you for your information. It is not meant to imply that the product is covered by the Hazard Communication Standard, nor is the MSDS meant to comply with all requirements of the Hazard Communication Standard.

0	Health
1	Flammability
0	Physical Hazard
A	Pers. Protection

Additional Product Information:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.