

**U S Chemical & Plastics**

**For Chemical Emergency**

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CHEMTREC: 1-800-424-9300

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**SECTION I - IDENTIFICATION OF PRODUCT**  
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**PRODUCT NAME:** Autowriter Valve Action Marker  
**PRODUCT CODE:** 37000, 37001, 37002, 37003, 37004, 37007, 37008, 37009  
**SYNONYM/CROSS REFERENCE:**  
**SCHEDULE B NUMBER:** 3215.90.0000

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**SECTION II - HAZARDOUS INGREDIENTS**  
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<b>INGREDIENTS</b>	<b>WGT%</b>	<b>CAS #</b>	<b>TLV/PEL</b>
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NO HAZARDOUS INGREDIENTS PER 29 CFR 1910.1200

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**SECTION III - PHYSICAL DATA**  
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**APPEARANCE:** Markers are various colors  
**SPECIFIC GRAVITY:** 1.331 - 1.337  
**VAPOR PRESSURE (mmHG):** N/E  
**BOILING POINT:** 212<sup>0</sup>F  
**VAPOR DENSITY:** Heavier than air  
**EVAPORATION RATE (Ethyl Ether = 1):** Slower than Ethyl Ether  
**VOLATILES BY VOLUME :** N/E  
**SOLUBILITY IN WATER:** Complete  
**VOC:** Grams/Liter = < 5  
Lbs/Gallon = < 0.05

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**SECTION IV - FIRE AND EXPLOSION DATA**

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**FLASH POINT:** Non-Flammable Water-Based Ink

**LOWER FLAMMABLE LIMIT %:** N/E

**UPPER FLAMMABLE LIMIT %:** N/E

**FIRE EXTINGUISHING MEDIA:** Water, Dry Chemical, Alcohol Foam, CO<sub>2</sub> - Non-flammable

**SPECIAL FIRE FIGHTING PROCEDURES:** None Known

**UNUSUAL FIRE AND EXPLOSION HAZARD:** None Known

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**SECTION V - HEALTH HAZARD/TOXICOLOGICAL PROPERTIES**

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**OVEREXPOSURE EFFECTS:**

**ACUTE EFFECTS:**

**EYES:** May cause eye irritation

**SKIN:** May cause skin irritation

**INHALATION:** None

**INGESTION:** May cause mild indigestion

**CHRONIC EFFECTS:** None known

**CARCINOGEN:** YES \_\_\_\_\_ NO  X

**TERATOGEN:** YES \_\_\_\_\_ NO  X

**MUTAGEN:** YES \_\_\_\_\_ NO  X

**PRIMARY ROUTES OF EXPOSURE:** Skin, Ingestion, Eyes

**FIRST AID:**

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

**SKIN:** Wash with soap and water. Seek medical attention as needed for hypersensitivity.

**EYES:** Immediately flush with water continuously for at least 15 minutes. Seek medical attention at once.

**INGESTION:** Do not induce vomiting. Call physician and seek medical attention.

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## SECTION V I - REACTIVITY DATA

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**STABILITY:** Stable

**CONDITIONS TO AVOID:** None known.

**INCOMPATIBILITY MATERIALS TO AVOID:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known

**HAZARDOUS POLYMERIZATION:** Will not occur.

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## SECTION VII - SPILL AND DISPOSAL PROCEDURE

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**SPILLS, LEAK OR RELEASE:** Soak up spill with inert material such as: vermiculite, dry clay absorbent or chemsorb. Wipe up small spills with a cloth or towel. Prevent run-off from entering drains, sewers or rivers.

**WASTE DISPOSAL:** Dispose of in accordance with local, state, and federal regulations.

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## SECTION VIII - PROTECTION INFORMATION

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**RESPIRATORY PROTECTION:** None required.

**VENTILATION:** As needed.

**PROTECTIVE GLOVES:** Chemical resistant.

**EYE PROTECTION:** Safety Glasses or safety goggles.

**OTHER PROTECTIVE EQUIPMENT:** Impermeable apron to prevent the staining of clothes.

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## SECTION IX - HANDLING AND STORAGE PRECAUTIONS

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**STORAGE AND HANDLING:** Avoid prolonged contact with skin. Always wash thoroughly after handling product.

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## SECTION X - ADDITIONAL INFORMATION

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**SHIPPING INFORMATION:** Please comply with DOT regulations in USA

**HMS RATING:**

Health	1	4 = Extreme
Fire	0	3 = High
Reactivity	0	2 = Moderate
		1 = Slight
		0 = Insignificant

Personal Protection - See Section VIII

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**CALIFORNIA PROPOSITION 65:**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm may be present in this product.

**SECTION 313 SUPPLIER NOTIFICATION:**

This product contains the following toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CHEMICAL NAME</u>	<u>CAS</u>	<u>% BY WGT</u>
N/A		

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS CHEMICAL

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ABBREVIATIONS

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IARC = International Agency for Research on Cancer  
ACGIH = American Conference of Governmental Industrial Hygienists  
NIOSH = National Institute of Occupational Safety and Health  
TLV = Threshold Limit Value  
PEL = Permissible Emission Level  
DOT = Department of Transportation  
NTP = National Toxicology Program  
N/AV = Not Available  
N/AP = Not Applicable  
N/E = Not Established  
N/D = Not Determined

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REVISION: Change to Section I

The information in the Material Safety Data Sheet has been compiled from our experience and from data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of the safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the Company to make sure that the MSDS is the latest one issued.