

22886-XXXX  
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# PRODUCT SAFETY DATA SHEET for AK10-3

## 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY/UNDERTAKING

**PRODUCT NAME** BASE AK10-3  
**INTENDED USE** Base component for markers. For Professional Use only  
**SUPPLIER** Rainbow Chalk Markers Limited. Unit 4, Harold Close, Harold Road, Harlow, Essex. CM17 5TH  
**Emergency Tele** 01279 424491

## 2. COMPOSITION/INFORMATION OF INGREDIENTS

An aqueous dispersion of polymers, surfactants and coalescing solvent as required. For materials presenting a hazard in Chemicals (Haz. Info & Packing) Regulations 1993 see section no 8. Substances presenting a Health or Environmental hazard within the meaning of the Chemicals (Hazard Information & Packaging) Regulations 1994 as amended.

Substance Name	CAS No.	EINECS No.	%age Range	Symbol letter	Risk Phrases*
1-METHOXY-2-PROPANOL	107-98-2	203-539-1	2.5 - 10		

T+ - Very Toxic T - Toxic Xn - Harmful C - Corrosive Xi - Irritant N - Hazardous to the Environment

## 3. HAZARDS IDENTIFICATION

**Hazard Symbols**  
**Risk Phrases**  
**OTHER INFORMATION** No hazardous components identified.

## 4. FIRST AID MEASURES

**GENERAL** In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.  
**INHALATION** Remove to fresh air. If breathing is irregular seek medical advice. No adverse effects are anticipated from inhalation.  
**EYE CONTACT** Irrigate copiously with clean, fresh water for at least 10 mins. holding the eyelids apart. If irritation persists, seek medical advice.  
**SKIN CONTACT** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.  
**INGESTION** If accidentally swallowed rinse mouth with water and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

## 5. FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

**RECOMMENDED** Carbon dioxide, Dry Powder, Foam, Water Spray Mist.  
**NOT TO BE USED**

### SPECIAL INSTRUCTIONS FOR FIRE FIGHTING PERSONNEL

## 6. ACCIDENTAL RELEASE MEASURES

Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth and place in suitable container for disposal in accordance with the waste regulations. Do not allow to enter drains or water courses. If it does, the local water company should be contacted immediately. In case of contamination of streams, rivers or lakes-the National Rivers Authority.

## 7. STORAGE & HANDLING

### Storage

Observe the label precautions. Store between 5 & 25°C in a dry well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to

prevent leakage. Store away from oxidising agents and strongly alkaline and acid materials. Although not subject to statutory requirements, the principles contained in the HSE guidance note Storage of Flammable Liquids in Containers should be observed.

### **Handling**

Avoid skin & eye contact. For personal protection see Sect.8. Good housekeeping and regular removal of waste materials will minimise risks.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **Exposure Limits**

Substance Name	8hr LTEL		15min STEL		Notation
	ppm	mg/m3	ppm	mg/m3	
1-METHOXY-2-PROPANOL	100	360		1080	Sk, OES

Notations = Sk - risk of absorption through skin Sen - respiratory sensitizer.

Notations = SK - Risk of absorption through skin SEN - Respiratory Sensitiser Bmgv - Biological Monitoring may be appropriate (see Biological Monitoring Guidance Value in EH40 Table 3)

OEL's are from EH40 except where marked SUP which are assigned by the supplier of the substance.

#### **Engineering Measures**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

#### **General Protection**

All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

#### **Respiratory Protection**

The normal precautions for the handling of chemicals must be observed.

#### **Hand Protection**

Eye protection designed to protect against liquid splashes should be worn.

#### **Eye Protection**

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap & water or a proprietary skin cleaner.

#### **Skin Protection**

## **9. PHYSICAL & CHEMICAL PROPERTIES**

#### **PHYSICAL STATE**

Liquid

#### **FLASH POINT**

=> 55°C Method: Abel Appartus to British Standard BS 2000 Pt.170

#### **SPECIFIC GRAVITY**

1.016 Method: Calculation

#### **SOLUBILITY IN WATER**

MISCIBLE

## **10. STABILITY & REACTIVITY**

Stable under the recommended storage & handling conditions (see Sect.7). In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen may be produced.

## **11. TOXICOLOGICAL INFORMATION**

According to experience gained by us and our suppliers, and to data available to us, the product is not harmful to health if it is used in accordance with the given recommendations.

## **12. ECOLOGICAL INFORMATION**

There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

## **13. DISPOSAL CONSIDERATIONS**

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution & Environmental Protection Acts.

## 14. TRANSPORT INFORMATION

### Road/Rail

Designation Hazard-free water based emulsion

## 15. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows.

### Classification

### Safety Phrases

S24: Avoid contact with the skin  
 S43: In case of fire do not use water.  
 S2: Keep out of reach of children  
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
 S29: Do not empty into drains

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health & safety legislation.

The provisions of the Health & Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

## 16. OTHER INFORMATION

Date of Origination 9/05/06  
 Date of last revision 9/05/06

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information & Packaging) Regulations. The product should not be used for purposes other than those shown in sect.1 without first referring to the supplier and obtaining written instructions. As the specific conditions of use of the product are outside of the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and relevant advice can be found in:-

The Control Of Substances Hazardous to Health Regulations 1988 (SI 1988: 1657)

The Manual Handling Operations Regulations 1992 (SI 1992: 2793)

Storage of Flammable Liquids in Containers. HS(G)51

Storage of Packaged Dangerous Substances. HS(G)71

The Environmental Protection (Duty of Care) Regulations 1992 (SI 1988: 2839)

For details of substances presenting a health hazard within the meaning of the Chemicals (Hazard Information & Packing) regulations 1993 see under Section 8 of this Safety Data Sheet.