

## SAFETY DATA SHEET

### BRITE MARK

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

PRODUCT NAME                    BRITE MARK

APPLICATION                    Marker

SUPPLIER                        Aztec Chemicals  
Gateway  
Crewe  
Cheshire  
CW1 6YY  
+ 44 (0) 1270 655500 (T)  
After hrs 0831300868  
+ 44 (0) 1270 655501 (F)

#### 2 HAZARDS IDENTIFICATION

Flammable. Harmful by inhalation and in contact with skin. Irritating to eyes and skin.

CLASSIFICATION                Xn;R20/21. Xi;R36/38. R10.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
1-METHOXY-2-PROPANOL	203-539-1	107-98-2	5-10%	R10
2-METHOXY-1-METHYLETHYL ACETATE	203-603-9	108-65-6	10-30%	R10 Xi;R36
ETHYLBENZENE	202-849-4	100-41-4	5-10%	F;R11 Xn;R20
XYLENE	215-535-7	1330-20-7	60-100%	R10 Xn;R20/21 Xi;R38

The Full Text for all R-Phrases are Displayed in Section 16

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

If you feel unwell, seek medical advice.

##### INHALATION

Move the exposed person to fresh air at once. Consult a physician for specific advice. Perform artificial respiration if breathing has stopped.

##### INGESTION

DO NOT induce vomiting if swallowed chemical is dissolved in petroleum-based material. Danger of aspiration and development of chemical pneumonia. Get medical attention immediately! Never give liquid to an unconscious person.

##### SKIN CONTACT

Immediately remove contaminated clothing. Rinse the skin immediately with lots of water. Use suitable lotion to moisturise skin. Get medical attention if any discomfort continues.

##### EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Use: Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Dry chemicals. Water spray, fog or mist. Do not use water as an extinguisher.

##### UNUSUAL FIRE & EXPLOSION HAZARDS

Fire causes formation of toxic gases.

##### SPECIFIC HAZARDS

By heating and fire, harmful vapours/gases may be formed.

##### PROTECTIVE MEASURES IN FIRE

Use air-supplied respirator during fire fighting. Wear full protective clothing.

#### 6 ACCIDENTAL RELEASE MEASURES

## BRITE MARK

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

### ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses.

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Avoid inhalation of vapours.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from Acids. Alkalies. Oxidising material.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
1-METHOXY-2-PROPANOL	WEL	100 ppm(Sk)	375 mg/m3(Sk)	150 ppm(Sk)	560 mg/m3(Sk)
2-METHOXY-1-METHYLETHYL ACETATE	WEL	50 ppm(Sk)	274 mg/m3(Sk)	100 ppm(Sk)	548 mg/m3(Sk)
ETHYLBENZENE	WEL	100 ppm(Sk)	441 mg/m3(Sk)	125 ppm(Sk)	552 mg/m3(Sk)
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



### PROCESS CONDITIONS

Provide eyewash station.

### ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.

### RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

### HAND PROTECTION

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

### HYGIENE MEASURES

Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

### PERSONAL PROTECTION

When using do not smoke

### SKIN PROTECTION

Wear apron or protective clothing in case of contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Various
ODOUR	Aromatic.
SOLUBILITY	Negligible solubility in water.

**BRITE MARK**

BOILING POINT (°C)	139	RELATIVE DENSITY	>1.0 20
VAPOUR DENSITY (air=1)	>1	FLASH POINT (°C)	24 CC (Closed cup).

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidising substances.

**MATERIALS TO AVOID**

Strong oxidising substances. Strong acids.

**HAZARDOUS DECOMPOSITION PRODUCTS**

By fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

**11 TOXICOLOGICAL INFORMATION****INHALATION**

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**INGESTION**

Gastrointestinal symptoms, including upset stomach. Irritating. May cause nausea, stomach pain and vomiting.

**SKIN CONTACT**

Irritating to skin. Prolonged or repeated exposure may cause severe irritation.

**EYE CONTACT**

Irritating to eyes. Vapour or spray may cause temporary (reversible) eye damage.

**ROUTE OF ENTRY**

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

**TARGET ORGANS**

Respiratory system, lungs. Eyes. Skin.

**MEDICAL SYMPTOMS**

Irritation of eyes and mucous membranes. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Ingestion may cause: Nausea, vomiting.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION****GENERAL**

Packs of 5L and under are not regulated under the Limited Quantities Provisions.



UK ROAD CLASS	3	UK ROAD PACK GR.	III
PROPER SHIPPING NAME	PAINT	ADR CLASS	Class 3: Flammable liquids.
UN NO. ROAD	1263	ADR LABEL NO.	3
ADR CLASS NO.	3		
ADR PACK GROUP	III		

**BRITE MARK**

RID CLASS NO.	3	RID PACK GROUP	III
UN NO. SEA	0	IMDG CLASS	3
IMDG PAGE NO.	3	IMDG PACK GR.	III
MARINE POLLUTANT	No.	UN NO. AIR	0
AIR CLASS	3	AIR PACK GR.	III

**15 REGULATORY INFORMATION**

## LABELLING



Harmful

## CONTAINS

XYLENE

## RISK PHRASES

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R36/38	Irritating to eyes and skin.

## SAFETY PHRASES

S2	Keep out of the reach of children
S13	Keep away from food, drink and animal feeding stuffs.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37	Wear suitable protective clothing and gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S56	Dispose of this material and its container to hazardous or special waste collection point.
S64	If swallowed, rinse mouth with water (only if the person is conscious).

## UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations.

## EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

## APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

## GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

## NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

**16 OTHER INFORMATION**

SDS NO.	11290
SAFETY DATA SHEET STATUS	Approved.
DATE	11/12/2007

**BRITE MARK****RISK PHRASES IN FULL**

R10	Flammable.
R11	Highly flammable.
R20	Harmful by inhalation.
R20/21	Harmful by inhalation and in contact with skin.
R36	Irritating to eyes.
R38	Irritating to skin.

**DISCLAIMER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.