

**SAFETY DATA SHEET**  
**XYLENE FREE LINEMARKER PAINT (VARIOUS COLOURS)**

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

PRODUCT NAME                   XYLENE FREE LINEMARKER PAINT  
 PRODUCT NO.                    N/A  
 SUPPLIER                         Blue Diamond (STL)  
                                       Clayfields Industrial Estate  
                                       Tickhill Road  
                                       Balby  
                                       Doncaster  
                                       DN4 8QG  
                                       Tel: 01302 310113  
                                       Fax: 01302 816692

**2 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
1-METHOXY-2-PROPANOL	203-539-1	107-98-2	1-5%	R10
ACETONE	200-662-2	67-64-1	10-30%	F;R11 Xi;R36 R66 R67
BUTANE	203-448-7	106-97-8	5-10%	F+;R12
BUTYL ACETATE -norm	204-658-1	123-86-4	10-30%	R10 R66 R67
DIMETHYL ETHER	204-065-8	115-10-6	10-30%	F+;R12
ISOBUTANE	200-857-2	75-28-5	1-5%	F+;R12
METHYL METHACRYLATE	201-297-1	80-62-6	< 1%	F;R11 R43 Xi;R37/38
PROPANE	200-827-9	74-98-6	5-10%	F+;R12

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

**3 HAZARDS IDENTIFICATION**

Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.  
 CLASSIFICATION                   F+;R12. R66, R67.

**4 FIRST-AID MEASURES**

**GENERAL INFORMATION**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

**INHALATION**

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

**INGESTION**

DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

**SKIN CONTACT**

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

**EYE CONTACT**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

**SPECIAL FIRE FIGHTING PROCEDURES**

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

Aerosol cans may explode in a fire.

**6 ACCIDENTAL RELEASE MEASURES**

**XYLENE FREE LINEMARKER PAINT (VARIOUS COLOURS)**

**SPILL CLEAN UP METHODS**

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

**7 HANDLING AND STORAGE**

**USAGE PRECAUTIONS**

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

**STORAGE PRECAUTIONS**

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
PROPANE		Asphyxiating	Asphyxiating	Asphyxiating	Asphyxiating
BUTANE	OES	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3
DIMETHYL ETHER	OES	400 ppm	766 mg/m3	500 ppm	958 mg/m3
1-METHOXY-2-PROPANOL	OES	100 ppm(Sk)	375 mg/m3(Sk)	150 ppm(Sk)	560 mg/m3(Sk)
ACETONE	OES	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3
BUTYL ACETATE -norm	OES	150 ppm	724 mg/m3	200 ppm	966 mg/m3
METHYL METHACRYLATE	OES	50 ppm	208 mg/m3	100 ppm	416 mg/m3
ISOBUTANE	OES	800 ppm		800 ppm	

**INGREDIENT COMMENTS**

OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Occupational Exposure Limit Use chemical cartridge protection with appropriate cartridge.

**HAND PROTECTION**

Use protective gloves.

**EYE PROTECTION**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Aerosol
COLOUR	Various
ODOUR	Characteristic
SOLUBILITY	Insoluble in water
FLAMMABILITY LIMIT - LOWER(%)	2.15
FLAMMABILITY LIMIT - UPPER(%)	18.6

**10 STABILITY AND REACTIVITY**

**STABILITY**

Stable under normal temperature conditions.

## XYLENE FREE LINEMARKER PAINT (VARIOUS COLOURS)

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

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## 11 TOXICOLOGICAL INFORMATION

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### INHALATION

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

### INGESTION

May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

### SKIN CONTACT

Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

### EYE CONTACT

Irritating to eyes.

### ROUTE OF ENTRY

Inhalation. Skin and/or eye contact.

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## 12 ECOLOGICAL INFORMATION

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### ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

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## 13 DISPOSAL CONSIDERATIONS

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### DISPOSAL METHODS

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

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## 14 TRANSPORT INFORMATION

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UK ROAD CLASS	2	UK ROAD PACK GR.	N/A
PROPER SHIPPING NAME	AEROSOLS	ADR CLASS	Class 2: Gases
UN NO. ROAD	1950	ADR LABEL NO.	2.1
ADR CLASS NO.	2	RID CLASS NO.	2
ADR PACK GROUP	N/A	UN NO. SEA	1950
CEFIC TEC(R) NO.	20G5F	IMDG PACK GR.	Not Applicable
RID PACK GROUP	N/A	MFAG	See Guide
IMDG CLASS	2	UN NO. AIR	1950
EMS	F-D, S-U	AIR PACK GR.	N/A
MARINE POLLUTANT	No.		
ICAO CLASS	2.1		

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## 15 REGULATORY INFORMATION

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### LABELLING



Extremely Flammable

### RISK PHRASES

R12	Extremely flammable.
R66	Repeated exposure may cause skin dryness or cracking.

REVISION DATE: 25/08/2005

## XYLENE FREE LINEMARKER PAINT (VARIOUS COLOURS)

SAFETY PHRASES	R67	Vapours may cause drowsiness and dizziness.
	S16	Keep away from sources of ignition - No smoking.
	S37	Wear suitable gloves.
	S51	Use only in well-ventilated areas.
	S2	Keep out of the reach of children
	S23	Do not breathe vapour/spray.

### UK REGULATORY REFERENCES

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

The Control of Substances Hazardous to Health Regulations 2002.

### STATUTORY INSTRUMENTS

The Control of Substances Hazardous to Health Regulations 2002.

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

Occupational Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

CHIP for everyone HSG(108).

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## 16 OTHER INFORMATION

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REVISION DATE 25/08/2005

REV. NO./REPL. SDS GENERATED 2

### RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating to eyes.
R37/38	Irritating to respiratory system and skin.
R43	May cause sensitisation by skin contact.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.