



Product Name: **Line Paint**  
Reviewed Date: **January 2010**

Health & Safety Data Sheet Reference: **FT109**

## **1- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

Product name: **LINE PAINT (Base Component) PART A**

Supplier: Floortech Products  
Goods Yard  
Derby Road  
Belper  
Derbyshire  
DE56 1UX

Phone: 01773 828111

Fax: 01773 828333

Product Description: Water Borne Two Component Polyurethane Sports Line Marker Base Component

## **2- COMPOSITION/INFORMATION AND INGREDIENTS**

<b>Name</b>	<b>EINICS No.</b>	<b>CAS No.</b>	<b>Content</b>	<b>Classification</b>
DIMETHYLAMINOETHANOL	203-542-8	108-01-0	<1%	R10,R34,R20/21/22.
BUTOXYPROPAN-2-OL	225-878-4	5131-66-8	1 – 5%	R36/38.

## **3- HAZARD IDENTIFICATION**

Hazard Identification:- None

Special Hazard Identification for Human and Environment:- None

## **4- FIRST AID MEASURES**

**Eye Splashes:** Flush the affected eye with clean running water for at least 15 minutes and seek medical advice if discomfort continues.

**Skin Exposure:** If soreness or irritation occurs as a result of skin exposure remove contaminated clothing and wash skin thoroughly with soap and water. Wash clothing before use. If symptoms persist seek medical advice.

**Ingestion (Swallowing):** If material is accidentally swallowed do not induce vomiting. Rinse mouth thoroughly. If patient vomits, turn into recovery position and seek medical advice.

**Inhalation:** Move the patient to fresh air. Rinse nose and mouth with water. If the patient is unconscious, place in the recovery position and seek medical attention immediately.

This information should be taken with the patient when seeking medical advice

Do not give victim anything to drink if he is unconscious

## **5- FIRE FIGHTING MEASURES**

Non *flammable* water based liquid.

Use dry powder extinguishers only.

Fire fighters must have self-contained breathing apparatus.





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## 6- ACCIDENTAL RELEASE MEASURES

Spillages must be contained with an inert, non-combustible material and prevented from entering surface drains. Dispose of according to Local Regulations.

## 7- HANDLING AND STORAGE

The product must be protected from freezing and temperatures above 50 degrees Centigrade. When handling avoid contact with eyes and skin. All chemical preparations should be stored securely where they cannot be interfered with or used by unauthorized persons.

## 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Suitable protection should be worn to prevent contact with eyes and skin.

Name	Std	TWA - 8 hrs	STEL - 15 min
2-DIMETHYLAMINOETHANOL	WEL	2 ppm 7.4 mg/m <sup>3</sup>	6 ppm 22 mg/m <sup>3</sup>

Exposure controls:

Occupational exposure controls:

**Hand protection:** All types of protective gloves are suitable to protect the hands during use, product does not attack rubber, latex nitrile or other similar materials. Suitable work-wear or overalls should be used to protect clothing and skin.

**Eye protection:** Safety glasses/goggles with side shields or face shield should be used when handling this material to protect from liquid droplets or splashes.

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of work. Keep working clothes separate. Immediately remove contaminated clothing.

Environmental exposure controls:

No specific environmental legislation applies, but good practice should be followed. The product should not be allowed to spill or run into surface waters.

## 9- PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Viscous Liquid	<b>Viscosity:</b>	800 – 1500 cps @ 25°C
<b>Odour:</b>	Slight odour	<b>VOC:</b>	<99
<b>Density:</b>	1.0 – 1.25 @ 20°C	<b>Volatile by Vol:</b>	8%
<b>Flash Point:</b>	Above 100°C	<b>Flammability Limit</b>	
<b>Boiling Point:</b>	>100°C	- Lower (%)	0.8
<b>Solubility:</b>	Soluble in water		





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#### **10- STABILITY AND REACTIVITY**

Stable and normally non-reactive.

#### **11- TOXICOLOGICAL INFORMATION**

May cause irritation to the eyes and skin.

May cause discomfort if swallowed

Any person with a history of skin sensitisation must be careful when handling this product.

#### **12- ECOLOGICAL INFORMATION**

Not classified as harmful to the environment.

#### **13- DISPOSAL CONSIDERATIONS**

Non-recoverable waste is subject to the Duty of Care Of Waste Regulations.

Any surplus or waste arising from the normal use of this preparation must be disposed of in accordance with the hazard waste regulation 2005 and is classified as 070 299

#### **14- TRANSPORT INFORMATION**

UN/IMDG Classification: Not classified as hazardous for transport under ADR, IMDG, IATA regulations  
Protect against frost

#### **15- REGULATORY INFORMATION**

Characterisation as to EC Regulations :- None

Identification Letter and Hazard Symbols of the Product :- None

R-Phrases :- Not classified.

S-Phrases :-	S7	Keep container tightly closed.
	S23	Do not breathe vapour/spray.
	S24/25	Avoid contact with skin and eyes.
	S28	After contact with skin, wash immediately with plenty of water.
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
	S46	If swallowed, seek medical advice immediately and show this container or Label.

#### **16- OTHER INFORMATION**

No other safety information applicable to this product.

It is recommended that all persons using this product be suitably trained in the use of relevant personnel protective equipment.





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Risk Phases in full	R34	Causes Burns
	R10	Flammable
	R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
	R36/38	Irritating to eyes and skin
	R37	Irritating to respiratory system

No other safety information is applicable to the use of this preparation for its intended purpose. This data sheet was compiled using information from raw material manufacturers, The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (as amended), the Approved classification and labelling guide (fifth edition) for supply, the Approved Supply List (eighth edition), EH40/2005 and the Approved Carriage List (third edition).





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## **1- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

Product name: **LINE PAINT (Hardener Component) PART B**

Supplier: Floortech Products  
Goods Yard  
Derby Road  
Belper  
Derbyshire  
DE56 1UX

Phone: 01773 828111

Fax: 01773 828333

Product Description: Water Borne Two Component Polyurethane Sports Line Marker Hardener Agent

## **2- COMPOSITION/INFORMATION AND INGREDIENTS**

<b>Name</b>	<b>EINICS No.</b>	<b>CAS No.</b>	<b>Content</b>	<b>Classification</b>
HEXAMETHYLENE-DI-ISOCYANATE	212-485-8	822-06-0	<1%	R23,R42/43,R36/37/38.
ISOPHORONE DI-ISOCYANATE	223-861-6	4098-71-9	<1%	R23,R42/43,R36/37/38, R51/53

## **3- HAZARD IDENTIFICATION**

Irritating to eyes and skin. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION (1999/45) Xi;R36/38. R43. R52/53.

### Environment

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

### Human Health

May irritate eyes and skin.

## **4- FIRST AID MEASURES**

**Eye Splashes:** Flush the affected eye with clean running water for at least 15 minutes and seek medical advice if discomfort continues.

**Skin Exposure:** If soreness or irritation occurs as a result of skin exposure remove contaminated clothing and wash skin thoroughly with soap and water. Wash clothing before use. If symptoms persist seek medical advice.

**Ingestion (Swallowing):** If material is accidentally swallowed do not induce vomiting. Rinse mouth thoroughly. If patient vomits, turn into recovery position and seek medical advice.

**Inhalation:** Not relevant.

This information should be taken with the patient when seeking medical advice





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Do not give victim anything to drink if he is unconscious

## 5- FIRE FIGHTING MEASURES

Use dry powder, foam or carbon dioxide extinguishers only.

### SPECIAL FIRE FIGHTING PROCEDURES

Use pressurised air mask if product is involved in a fire. Cool containers exposed to flames with water until well after the fire is out.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Fire causes formation of toxic gases.

### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6- ACCIDENTAL RELEASE MEASURES

Spillages must be contained with an inert, non-combustible material and prevented from entering surface drains. Dispose of according to Local Regulations.

## 7- HANDLING AND STORAGE

The product must be protected from freezing and temperatures above 50 degrees Centigrade. When handling avoid contact with eyes and skin.

All chemical preparations should be stored securely where they cannot be interfered with or used by unauthorized persons.

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

## 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Suitable protection should be worn to prevent contact with eyes and skin.

Name	Std	TWA - 8 hrs	STEL - 15 min
HEXAMETHYLENE-DI-ISOCYANATE	WEL	0.02 mg/m <sup>3</sup> (Sen)	0.07 mg/m <sup>3</sup> (Sen)
ISOPHORONE DI-ISOCYANATE	WEL	0.02 mg/m <sup>3</sup> (Sen)	0.07 mg/m <sup>3</sup> (Sen)

Exposure controls:

Occupational exposure controls:

**Hand protection:** All types of protective gloves are suitable to protect the hands during use, product does not attack rubber, latex nitrile or other similar materials. Suitable work-wear or overalls should be used to protect clothing and skin.





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**Eye protection:** Safety glasses/goggles with side shields or face shield should be used when handling this material to protect from liquid droplets or splashes.

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of work. Keep working clothes separate. Immediately remove contaminated clothing.

Environmental exposure controls:

No specific environmental legislation applies, but good practice should be followed. The product should not be allowed to spill or run into surface waters.

## 9- PHYSICAL AND CHEMICAL PROPERTIES

<b>Odour:</b>	Characteristic	<b>VOC:</b>	<99
<b>Volatile by Vol:</b>	15%	<b>Appearance:</b>	Liquid
<b>Colour:</b>	Clear	<b>Viscosity:</b>	150 – 250 mPas @ 25°C
<b>Flash Point:</b>	77°C	<b>Flammability Limit</b>	
<b>Boiling Point:</b>	>100°C	<b>- Lower (%)</b>	0.8
<b>Solubility:</b>	Reacts with water		

## 10- STABILITY AND REACTIVITY

Stable and normally non-reactive.

## 11- TOXICOLOGICAL INFORMATION

Inhalation

Gas or vapour is harmful on prolonged exposure or in high concentrations.

Ingestion

May cause discomfort if swallowed.

Skin Contact

Prolonged or repeated exposure may cause severe irritation. May cause sensitisation by skin contact.

Eye Contact

May cause severe irritation to eyes.

Target Organs

Skin. Eyes. Respiratory system, lungs.

## 12- ECOLOGICAL INFORMATION

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

## 13- DISPOSAL CONSIDERATIONS

Non-recoverable waste is subject to the Duty of Care Of Waste Regulations.





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Any surplus or waste arising from the normal use of this preparation must be disposed of in accordance with the hazard waste regulation 2005 and is classified as 070 299

## 14- TRANSPORT INFORMATION

UN/IMDG Classification: Not classified as hazardous for transport under ADR, IMDG, IATA regulations  
Protect against frost

## 15- REGULATORY INFORMATION

Labelling:



Risk Phases:	R36/38	Irritating to eyes and skin.
	R43	May cause sensitisation by skin contact.
	R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S-Phrases :-	S7/8	Keep container tightly closed and dry.
	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.
	S37/39	Wear suitable gloves and eye/face protection.
	S61	Avoid release to the environment. Refer to special instructions/safety data sheets

### EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

### NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Control of Substances Hazardous to Health Regulations 2002 (as amended)







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## **16- OTHER INFORMATION**

No other safety information applicable to this product.

It is recommended that all persons using this product be suitably trained in the use of relevant personnel protective equipment.

R36/37/38	Irritating to eyes, skin and respiratory system
R42/43	May cause sensitisation by inhalation and skin contact
R23	Toxic by inhalation
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects In the aquatic environment.

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