
MATERIAL SAFETY DATA SHEET

BLACKBOARD PAINT

Revision Date: 02/02/2006

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

- 1.1. PRODUCTS IDENTIFICATION:** Blackboard Paint
- 1.2. USE OF SUBSTANCE:** Information not supplied.
- 1.3. COMPANY:** Blackfriars Paints Ltd
Portobello Industrial Estate
Birtley
County Durham
DH3 2RE
Telephone Number: 0191 4106611
Fax Number: 0191 4113147
- 1.4. EMERGENCY TELEPHONE:** 0191 4106611

2. HAZARDS IDENTIFICATION

Flammable. Vapours may cause drowsiness and dizziness. Harmful to aquatic organisms.

CLASSIFICATION R10, R52, R67.

Environment:

The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See section 12.

Physical and Chemical Hazards:

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

Human Health:

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea. Risk of serious damage to eyes. Vapours/aerosol spray may irritate the respiratory system. Repeated exposure may cause skin dryness or cracking. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No	CAS No	Content	Classification
Naptha (Petroleum) Hydrotreated Heavy	265-150-3	64742-48-9	10-30%	Xn;R65. R10,R67,R52.
Carbon Black	215-609-9	1333-86-4	1-5%	-
Cobalt Carboxylate	237-015-9	13586-82-8	<1%	Xn;R22. Xi;R38. N;R51/53. R43.
Xylene	215-535-7	1330-20-7	<1%	R10 Xn;R20/21 Xi;R38
Iso-butane	201-148-0	87-83-1	<1%	R10 Xi;R37/38,R41 R67
Ethyl Methyl Ketoxime	202-496-6	96-29-7	<1%	Carc3;R40 Xn;R21 R43 Xi;R41

MATERIAL SAFETY DATA SHEET

BLACKBOARD PAINTRevision Date: 02/02/2006

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

4. FIRST-AID MEASURES**General Information:**

General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

Inhalation:

Place unconscious person on the side in the recovery position and ensure breathing. If respiratory problems, artificial respiration/oxygen. Get medical attention if any discomfort continues.

Skin Contact:

Use appropriate hand lotion to prevent defatting and cracking of skin. Immediately remove contaminated clothing. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water.

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. Get medical attention promptly if symptoms occur after washing.

Ingestion:

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and take these instructions.

5. FIRE-FIGHTING MEASURES**Extinguishing Media:**

Fire can be extinguished using: Water spray, fog or mist. Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc.

Do Not Use:

Water jet as an extinguisher, as this will spread the fire.

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. Keep run-off water out of sewers and water sources. Dike for water control.

Unusual fire & Explosion Hazards:

Fire causes formation of toxic gases.

Specific Hazard:

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

MATERIAL SAFETY DATA SHEET

BLACKBOARD PAINT

Revision Date: 02/02/2006

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

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

Environmental Precautions:

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

Spill Clean up Methods:

Keep combustibles away from spilled material. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

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. Vapours are heavier than air and may spread near ground to sources of ignition.

Storage Precautions:

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a cool, dry well ventilated place. Keep in original container. Avoid contact with oxidising agents.

Storage Class:

Flammable liquid storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m ³	ST - ppm	ST - mg/m ³
Xylene	WEL	50 ppm(Sk)	220 mg/m ³ (Sk)	100 ppm(Sk)	441 mg/m ³ (Sk)
Iso-Butane	WEL	50 ppm	154 mg/m ³	75 ppm	213 mg/m ³
Carbon Black	OES				315 mg/m ³
Naptha (Petroleum) Hydrotreated Heavy	OES		1000 mg/m ³		

Ingredient Comments:

WEL = Workplace Exposure Limits

Protective Equipment:

MATERIAL SAFETY DATA SHEET

BLACKBOARD PAINTRevision Date: 02/02/2006

Process Conditions:

Provide eyewash station.

Engineering Measures:

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded. All handling to take place in well-ventilated area.

Respiratory Equipment:

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Wear mask supplied with: Gas cartridge suitable for organic substances.

Hand Protection:

For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Neoprene. Nitrile. Rubber (natural, latex).

Eye Protection:

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

Other Protection:

Wear appropriate clothing to prevent any possibility of skin 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. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Black
Odour:	Characteristic Hydrocarbon
Solubility:	Slightly soluble in water
Relative Density:	1.27 approx 20
Flash Point:	42 CC (Closed cup)
Vapour Density (air=1):	Heavier than air
Flammable Limit – Upper (%):	12
Flammable Limit – Lower (%):	0.7

10. STABILITY AND REACTIVITY**STABILITY:**

No particular stability concerns.

CONDITIONS TO AVOID:

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

MATERIAL SAFETY DATA SHEET

BLACKBOARD PAINTRevision Date: 02/02/2006

11. TOXICOLOGICAL INFORMATION**General Information:**

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation:

In high concentrations, vapours may irritate throat and respiratory system and cause coughing. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Gas or vapour is harmful on prolonged exposure or in high concentrations.

Skin Contact

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Irritating to skin. May be absorbed through the skin.

Eye Contact:

Irritation of eyes and mucous membranes.

Name:	Carbon Black
Toxic Dose 1 - LD 50:	>8000 mg/kg (oral rat)
Name:	Naptha (Petroleum) Hydrotreated Heavy
Toxic Dose 1 - LD 50:	>5000 mg/kg (oral rat).

Ingestion:

Gastrointestinal symptoms, including upset stomach. Harmful: may cause lung damage if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

12. ECOLOGICAL INFORMATION**Ecotoxicity:**

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

Name:	Carbon Black
LC 50, 96 Hrs, FISH mg/l:	>1000
EC 50, 48 Hrs, DAPHNIA, mg/l:	>5600
IC 50, 72 Hrs, ALGAE, mg/l:	>10,000

Name:	Naptha (Petroleum) Hydrotreated Heavy
LC 50, 96 Hrs, FISH mg/l:	100
Mobility:	The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.
Degradability:	The product is biodegradable.
Acute Fish Toxicity:	Not considered toxic to fish.

13. DISPOSAL CONSIDERATIONS**General Information:**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

MATERIAL SAFETY DATA SHEET

BLACKBOARD PAINT

Revision Date: 02/02/2006

Disposal Methods:

Dispose of waste and residues in accordance with local authority requirements. Make sure containers are empty before discarding (explosion risk). Absorb in vermiculite or dry sand, dispose in licensed special waste

14. TRANSPORT INFORMATION



UK ROAD CLASS:	3	UK ROAD PACK GR:	III
PROPER SHIPPING NAME:	PAINT	ADR CLASS:	Class 3: Flammable liquids.
UN NO. ROAD:	1263	HAZARD No. (ADR):	30
ADR CLASS NO:	3	HAZCHEM CODE:	3Y
ADR PACK GROUP:	III	RID CLASS NO:	3
ADR LABEL NO:	3	UN NO. SEA:	1263
CEFIC TEC(R) NO:	30GF1-III, 30GF1-sp	IMDG PAGE NO:	3
RID PACK GROUP:	III	MFAG:	See Guide
IMDG CLASS:	3	UN NO. AIR:	1263
EMS:	F-E, S-E	AIR PACK GR:	III
MARINE POLLUTANT:	No.		
AIR CLASS:	3		

15. REGULATORY INFORMATION

Risk Phrases:

R10	Flammable.
R52	Harmful to aquatic organisms
R67	Vapours may cause drowsiness and dizziness.

Safety Phrases:

S2	Keep out of the reach of children
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.
P14	Contains Cobalt Carboxylate, ETHYL METHYL KETOXIME. May produce an allergic reaction.

EU Directives:

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

Approved Code Of Practice:

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

MATERIAL SAFETY DATA SHEET

BLACKBOARD PAINTRevision Date: 02/02/2006

National Regulations:

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.
Workplace Exposure Limits 2005 (EH40)

16. OTHER INFORMATION**INFORMATION SOURCES:**

Croner's Emergency Spillage Guide Croner's Emergency First Aid Guide Croner's Substances
Hazardous to Health

ISSUED BY: T Smith
REVISION DATE: 02/02/2006
REV. NO./REPL. SDS GENERATED: 1

RISK PHRASES IN FULL:

NC Not classified.
R10 Flammable.
R20/21 Harmful by inhalation and in contact with skin.
R21 Harmful in contact with skin.
R22 Harmful if swallowed.
R37/38 Irritating to respiratory system and skin.
R38 Irritating to skin.
R40 Limited evidence of a carcinogenic effect.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52 Harmful to aquatic organisms.
R65 Harmful: may cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.

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