

## BLACK BITUMEN PAINT

Issue 3 - October 2005 - 01/013

### Description:

A solvent based, general purpose, bituminous paint for waterproofing and weather protecting of steelwork, asphalt, wood and concrete. When dry it forms an odourless and taint free bitumen film.

Cromar Black Bitumen Paint forms a waterproof, weatherproof, corrosion resistant protective coating. It is resistant to low concentrations of alkalis and acids and can withstand prolonged oxidation. It is suitable for application to a wide variety of surfaces including steel, iron, lead, zinc, aluminium, concrete, stone and brick and is mainly used for:-

1. Metal protection for any type of exterior metalwork – fire escapes, ladders, gutters, down pipes, fences, railings and gates etc.
2. A protective coating for concrete structures, stone, brick, concrete screeds and sand/cement surfaces.

### Colour:

Black, shiny coating when dry. Dulls with exposure to sunlight.

### Typical Properties:

Specific Gravity:	0.89 ± 0.02.
Flash Point:	Above 32°C.
Drying Time:	Normally touch dry after 30 minutes, completely dry after 1½ hours.

### Method of Application:

By brush or spray, apply evenly and ensure no pooling of solution. A minimum of two coats of Cromar Black Bitumen Paint is recommended.

### Application Instructions:

Care needs to be taken over preparation of surfaces before application. All surfaces must be free from oil, dirt, dust and loose debris. On metal surfaces all loose rust should be removed using a wire brush and where advanced signs of corrosion are evident the area to be treated with a rust inhibitor. A minimum of 2 coats of Cromar Black Bitumen Paint should be applied, the first coat being allowed to dry before the second is applied.

Note: Cromar Black Bitumen Paint may bleed through any paints subsequently applied over it. Apply a primer recommended by the paint manufacturer before over-painting. Where the surface being treated is porous, an initial coat of Cromar Primer should be applied.

### Coverage Rates:

The coverage per litre is dependent upon the porosity of the surface.  
For metals and smooth surfaces: 10m<sup>2</sup>.  
Coverage will be less on porous surfaces.

### Container Sizes:

1, 2.5, 5, 25 and 200 litres.

### Storage Life:

Indefinite in undamaged, tightly sealed containers. Containers must be kept sealed and stored away from sources of heat and ignition.

### Cleaning Tools:

Tools may be cleaned with white spirit. Spillages should be wiped off surfaces before the bitumen paint has set.

### Health & Safety:

Please refer to health and safety data sheet on Bitumen Paint.

### Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below:

All products should be sold in accordance with the manufacturer's instructions. No responsibility can be taken by the manufacturer, where conditions of use are beyond our control. Cromar Building Products Limited products' are available for sale in accordance with Cromar Building Products Limited standard conditions of sale, which is available upon request. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use, and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.

## **BLACK BITUMINOUS PAINT**

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### **MATERIAL SAFETY DATA SHEET**

**Date of issue: September 2001      Version 2**

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#### **1. Identification of the product**

Product:      Black Bituminous Paint

#### **2. Composition/information on ingredients**

A solvent-based bituminous water-proofing paint

<u>CAS No</u>	<u>Chemical name</u>	<u>weight %</u>	<u>Symbol &amp; R-phrases</u>
64475-85-0	white spirit	>40	F    R10
64742-93-4	bitumen		R40

#### **3. Hazard identification**

Contains solvent which causes defatting of the skin and, in extreme cases, dermatitis. Possible risk of irreversible effects. Flammable

#### **4. First aid measures**

Inhalation:      Remove to fresh air. If discomfort persists seek medical advice.  
Skin contact:    Remove contamination with proprietary skin cleaner, followed prior to eating, drinking, smoking and toilet functions.  
Eye contact:    Irrigate immediately with clean water for 15 minutes and obtain medical attention.  
Ingestion:      If swallowed, seek medical advice immediately. Do not induce vomiting.

#### **5. Fire fighting measures**

Suitable extinguish media:      Dry powder, CO<sub>2</sub>, foam, sand, earth.  
Unsuitable extinguishing media:    Never use water jet  
Special exposure hazards in fires:    None known  
Required special protective  
Equipment for fire fighters:      Wear suitable protective clothing.

#### **6. Accidental release measures**

Precautions:    Steam flow of spilled material. Extinguish all naked flames and cigarettes. Material should be mopped up immediately with an inert absorbent material such as sand and drains. Dispose of at an appropriate licensed waste disposal site in accordance with current laws and regulations.

#### **7. Handling and storage**

Handling:      Ensure adequate ventilation.  
Storage:      Should be stored under cover out of direct sunlight and away from sources of ignition.

## 8. Exposure controls

UK Occupational exposure standards EH40 for white spirit: 100ppm (575mg/m<sup>3</sup>) 8HR TWA  
Respiratory protection: Should not be necessary with adequate ventilation. In poorly ventilated areas, a cartridge mask approved for organic vapours is recommended.  
Hand protection: Wear suitable impervious gloves.  
Eye protection: Appropriate chemical resistant goggles

## 9. Physical and chemical properties

Appearance: Black liquid  
Flammability: Flammable  
Odour: Petroleum solvent  
Autoflammability; Approx. 230° C  
pH: Not applicable  
Explosive properties: UEL 8% Vol. LEL0.9% Vol.  
Boiling point/boiling point range: Not determined  
Vapour pressure: 0.44 kPa  
Relative density: 0.95 ± 0.02  
Melting point range: Not applicable  
Solubility (water and fat): Insoluble in water  
Flash point (°C), closed cup: 40° C

## 10. Stability and reactivity

Stable under normal conditions. Avoid excessive heat.  
Hazardous decomposition products: CO, CO<sub>2</sub>, H<sub>2</sub>S, oxides of nitrogen and sulphur.

## 11. Toxicological information

Short-term skin exposure may lead to dermatitis. Long term skin exposure may cause irreversible effects.

## 12. Ecological information

The preparation has not been tested but the slow rates of bio degradation of bitumen can cause interference with the normal functioning of ecological cycles. Bitumen should therefore be contained and spills avoided.

## 13. Disposal considerations

Disposal of material should be by incineration in accordance with local regulations.  
Packaging should be similarly disposed of.

## 14. Transport information

UN No: 1263  
Description: Paint  
Class: 3  
Item No: 3.32°(C)  
Symbol: "Flammable liquid" diamond  
Packing Group: III  
Emergency Action Code: 3(Y)

## 15. Regulatory information

EEC Symbol Xn Harmful Contains Bitumen solvent blend

R10 Flammable  
R20, 21, 22 Harmful by inhalation, in contact with skin, by ingestion  
R40 Possible risk of irreversible effects  
R52 Harmful to aquatic organisms

S2 Keep out of reach of children  
S16 Keep away from sources of ignition – no smoking  
S7, 9 Keep container tightly closed in a well-ventilated place  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S38 In case insufficient ventilation, wear suitable respiratory equipment.  
S43 In case of fire use dry powder, foam or CO<sub>2</sub>. NEVER water

## 16. Other information

Customers are urged to ensure that the product is entirely suitable for their own purpose. If requested, Cromar Building Products Limited can assist in technical discussions. If this product is redistributed or reformulated for sale, details of its hazards and the recommended methods for safe handling must be passed to customers.

The data contained in this Safety Data Sheet has been supplied as required by the Chemical (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. **Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.**

This information is given in good faith, being based on the latest knowledge available to Cromar Building Products Limited. No known relevant information has been omitted from this Material Safety Data Sheet and the information provided is designated to enable the user to use the product safely. The user should not assume on the basis of the information provided in this sheet that the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, contact Cromar Building Products Limited for further advice before the proposed application is undertaken.

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