

# Safety Data Sheet

## BITUMEN PRIMER



Code: B29/30

Date of Issue: January 2012

Version: 1



### 1. PREPARATION AND COMPANY IDENTIFICATION:

Preparation Trade Name: **BITUMEN PRIMER**

Supplier: **Platinum Building Chemicals Ltd**

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### 2. COMPOSITION/ INFORMATION ON INGREDIENTS:

<u>CAS Number</u>	<u>Chemical Name</u>	<u>%</u>	<u>Classification</u>
64742-93-4	Bitumen	30-40	
64742-82-1	White Spirit	60-70	F; R10; Xn; R65/66; N; R51/53

### 3. HAZARD IDENTIFICATION:

<b>Fire:</b>	Flammable
<b>Environment:</b>	Toxic to aquatic organisms, may cause long term adverse effects in aquatic environment
<b>Inhalation:</b>	Irritation to nose and throat.
<b>Skin Contact:</b>	Contains solvent which causes defatting of skin and in extreme cases, dermatitis.
<b>Eye Contact:</b>	Irritation and redness.
<b>Ingestion:</b>	Harmful if swallowed. May cause lung damage.

### 4. FIRST AID MEASURES:

<b>Inhalation:</b>	Remove to fresh air, if discomfort persists seek medical advice.
<b>Skin Contact:</b>	Remove contamination with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating, drinking, smoking and toilet functions.
<b>Eye Contact:</b>	Irrigate immediately with clean water for 15 minutes and obtain medical attention.
<b>Ingestion:</b>	Wash out mouth with water. Do not induce vomiting. Pay attention to breathing patterns. Seek medical attention.

### 5. FIRE FIGHTING MEASURES:

<b>Suitable Extinguishing Media:</b>	Powder, Carbon Dioxide (CO <sub>2</sub> ), foam, sand and earth.
<b>Unsuitable Extinguishing Media:</b>	Water jet.
<b>Extraordinary Hazards:</b>	None known.
<b>Special Protective Equipment Required:</b>	Wear suitable protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES:

<b>Personal Protection:</b>	Adequate ventilation. Gloves, goggles, overalls, and boots.
<b>Environmental Precautions:</b>	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:

<b>Handling:</b>	Ensure adequate ventilation
<b>Storage:</b>	Should be stored under cover, out of direct sunlight and away from sources of heat and ignition.

## 8. EXPOSURE CONTROLS:

<u>Component</u>	<u>TWA</u>	
White Spirit	8 hours	100ppm
<b>Respiratory Protection:</b>	Not required under normal conditions. In poorly ventilated areas a cartridge mask approved for organic vapours is recommended	
<b>Skin/Hand Protection:</b>	Impervious gloves, overalls and boots.	
<b>Eye Protection:</b>	Chemical resistant goggles.	

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## 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>Appearance:</b>	Black Liquid	<b>Odour:</b>	Petroleum Solvent
<b>Boiling Point:</b>	Not Determined	<b>pH:</b>	N/A
<b>Melting Point:</b>	N/A	<b>Flammability:</b>	N/A
<b>Flash Point:</b>	>100°C (Closed Cup)	<b>Auto- Flammability:</b>	Approx 230°C
<b>Explosive Properties:</b>	UEL 8% Vol., LEL 0.9% Vol.	<b>Solubility In Water:</b>	Insoluble in Water
<b>Vapour Pressure:</b>	Not Determined	<b>Relative Density:</b>	Approx 1.0

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## 10. STABILITY AND REACTIVITY:

<b>Stability:</b>	Stable under normal conditions
<b>Conditions to Avoid:</b>	Excessive temperatures.
<b>Materials to Avoid:</b>	N/A
<b>Hazardous decomposition products:</b>	Carbon Dioxide, Carbon Monoxide, Hydrogen Sulphide, Oxides of Nitrogen and Sulphur.

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## 11. TOXICOLOGICAL INFORMATION:

When bitumen is mixed with diluent, it is believed that the preparation becomes more bio-available. The carcinogenicity of the preparation is strongly dependant on the nature of the solvent used since the polycyclic aromatic content of the bitumen is low.

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## 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.

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13. DISPOSAL CONSIDERATIONS: Dispose of according to local and national regulations.




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## 14. TRANSPORT INFORMATION:

**UN No:** UN1999      **Hazard Class:** 3      **Packing Group:** III

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## 15. REGULATORY INFORMATION:

R10	Flammable.	
R51/53	Toxic to aquatic organisms, may cause long term effects in the aquatic environment.	
R65	Harmful, may cause lung damage if swallowed.	
R66	Repeated exposure may cause skin dryness or cracking.	
S2	Keep out of reach of children.	
S29/56	Do not empty into drains, dispose of material and container as hazardous waste or take to a special waste collection point.	
S37	Wear suitable protective gloves.	
S46	If swallowed seek medical advice immediately and show this container label.	
S51	Use only in well ventilated areas.	
S61	Avoid release to the environment. Refer to special instructions/ safety data sheets.	
	EEC Symbol      Xn Harmful      N: Dangerous to the environment	
	Contains white spirit.	

## **16. OTHER INFORMATION:**

*The data contained in this Safety Data Sheet has been supplied as required by the Chemical (Hazard Identification and Packaging) Regulations 2002, as amended, for the purpose of protecting the 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 Platinum Chemicals. No known relevant information has been omitted from this Material Safety Data Sheet and the information provided is designed 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 Platinum Chemicals for further advice before the proposed application is undertaken.

**Product of: Cromar Building Products**

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