

BITUMINOUS PRIMER

Issue 3 - October 2005 - 01/006

Description:

A low viscosity bituminous primer for use on porous surfaces before remedial roof treatments, including pour and roll and torch-on felt applications.

Colour:

Black.

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.

Uses:

Cromar Bituminous Primer seals porous substrates and encourages the adhesion of bituminous waterproofing systems and sheet coverings. It may be applied successfully to a wide range of surfaces: Metals - mild steel, zinc, lead. Concrete. Asbestos Cement. Slate, Light-weight concrete screeds.

Coverage Rates:

The application of Cromar Bituminous Primer varies according to the porosity of the surface:

| | |
|---|-----------------------------------|
| Metal surfaces: | 6-12 m ² per litre. |
| Concrete: | 6-8 m ² per litre. |
| Lightweight concrete screeds and asbestos cement: | 3.5 - 5 m ² per litre. |
| Mastic Asphalt. | |
| Roofing Felts. | |

Container Sizes:

1, 5, 25 and 200 litres.

Storage Life:

Indefinite in undamaged, tightly sealed containers.

Application Instructions:

Surfaces should be clean, and free from all oil, grease, dirt, dust and loose debris. On metal surfaces all loose rust should be removed using a wire bristled brush and where advanced signs of corrosion are evident these areas should initially be treated with a rust inhibitor. Surfaces should preferably be dry although Cromar Bituminous Primer will adhere to damp but not wet surfaces. Cromar Bituminous Primer should be applied evenly across the surface in one generous coating. Bituminous Primer is resistant to rainfall within 20-30 minutes of its application.

Note: In order to comply with BS 8217: 1994 it is essential that after priming concrete or screeded surfaces the coating is completely free of all solvent and therefore a safe drying margin of 2 hours should be allowed.

Cleaning Tools:

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

Health & Safety:

Please refer to health and safety data sheet on Bituminous Primer.

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.

BITUMINOUS PRIMER

MATERIAL SAFETY DATA SHEET

Date of Issue: September 2001 Version 3

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1. Product Identification

Product: Bituminous Primer

2. Composition/Information on Ingredients

A solvent based bituminous paint

| <u>CAS No</u> | <u>Chemical name</u> | <u>weight %</u> | <u>Symbol & R-phrases</u> |
|---------------|----------------------|-----------------|-------------------------------|
| 64742-93-4 | Bitumen | | R40 |
| 64475-85-0 | White spirit | 50-70 | F R10 |

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

General Advice: Immediately remove from contact. Take off contaminated clothing. Obtain medical attention.
Inhalation: Immediately remove to fresh air. If breathing has stopped or is irregular apply artificial respiration and administer oxygen.
Skin Contact: Wash with soap and water or bland proprietary cleanser.
Eye Contact: Wash with copious amounts of cold running water. Seek medical assistance.
Ingestion: Do not induce vomiting. Seek medical attention.

5. Fire Fighting Measures

In case of fire use dry chemical foam, or carbon dioxide (CO₂).

6. Accidental Release Measures

Personal Precautions: Wear protective clothing, eye and hand protection (PVC gloves). Avoid breathing the vapour and ensure there is effective ventilation to prevent a build up of vapour or fumes. Use breathing apparatus when necessary.
Environmental protection: Prevent entry into watercourses and drains. Immediately contain any inert absorbent material or soil.
Clean-Up Methods: Recover all waste material and dispose to local licensed tip according to local authority waste regulations.
Additional Advice: Immediately report any passage to drains or watercourses to the appropriate local water authority.

7. Handling and Storage

Storage: Store in a dry, cool area away from sources of ignition. When not in use, keep containers tightly sealed. Examine condition of containers regularly.

Handling: Use only in well ventilated areas. Avoid breathing in vapours as much as possible. Use gloves as recommended. Handle large containers with care according to good manual handling practices. Prolonged or repeated contact may lead to irreversible effects.

8. Exposure Control

Engineering Control: Ventilate confined areas when in use.

General Protection and hygiene: Good industrial hygiene practices are adequate to prevent skin contact. Wear protective clothing.

Respiratory Protection: Wear appropriate equipment if working in confined areas.

Hand Protection: Use P.V.C gloves.

Eye Protection: Use goggles.

9. Physical and Chemical Properties

Physical State: Liquid.

Colour: Black

Odour: Characteristic.

Flash Point: 38°C (Closed cup).

Explosive Limits: UEL 8.0%, LEL 0.6%

Boiling range of solvent: 166 - 196°C

Specific gravity: 0.92 ± 0.03

Viscosity: NA

Vapour Pressure @ 20°C: 0.44kPa

Solubility in Water: Immiscible

Auto-ignition Temperature: 230°C

Thermal Decomposition: No decomposition in normal use.

10. Stability and Reactivity

Unreactive and stable under normal storage conditions.

11. Toxicological Information

Short-term exposure to high concentrations of vapours may lead to drowsiness, dizziness, confusion and nausea. Skin contact can be irritating in the short-terms, repeated contact may cause dermatitis.

White Spirit OEL: 600 mg/m³

12. Ecological Information

The product is liquid at ambient temperature. Avoid contamination of land, watercourses, and sewers. It is slowly but ultimately biodegradable.

13. Disposal Considerations

Absorb in earth or sand and dispose of at an appropriate licensed waste disposal site.
Dispose of empty container to an appropriate licensed waste disposal site.
Ensure that disposal conforms to national or regional legislation.

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 ₂ . 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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