

Description

A bituminous wearing course packed in approximately 25kg bags.

Uses

1. To reinstate existing surfaces.
2. To overlap asphalt or concrete surfaces which have become cracked or otherwise worn.
3. To provide a wearing surface over hardcore or other well stabilised bases.
4. For patching and filling potholes.

Equipment required

A stiff broom, a wide garden rake, a garden roller (as heavy as possible) and Ayton's Tack Coat Emulsion.

Surface preparation

The surface should be clean, dry and free from loose material. Remove any vegetation and apply a weedkiller. Potholes should be cut back to a vertical edge with a spade and all loose debris removed.

Method of application

Ayton's Tack Coat Emulsion should not be exposed to temperatures below 8°C and must not be applied if rain is expected, as water will affect undried film. As a general guide the D.I.Y. Macadam should be kept in a warm place prior to use and a warm sunny day should be chosen for the work.

1. Potholes

Apply Ayton's Tack Coat Emulsion to the bottom and sides of the pothole and allow to set (about 30 minutes depending on ambient weather conditions). Infill with D.I.Y. Macadam, levelling it out with a rake and leaving it just proud of the existing surface. Compact using a garden roller, the surface should be kept wet to prevent the macadam "picking up". Make several passes with the roller to ensure adequate compaction.

2. Overlay on Asphalt or Concrete Surfaces.

To ensure good adhesion apply Ayton's Tack Coat Emulsion over area to be surfaced at about 0.3-litre/sq. metre. This may be applied with a wide spout watering can or by pouring from the drum and brushing or leaving puddles. Allow to set (about 30 minutes depending on weather conditions).

Pour out the D.I.Y. Macadam into two or three separate heaps. Several bags may be used at a time. Rake the material out carefully to a depth of between 15 and 20mm, the thickness may be increased slightly to take out small depressions in the old surface. Thorough rolling is necessary to give a smooth, even finish to the final surface. Ensure that the surface of the roller is kept wet to avoid the macadam "picking-up". Make several passes with the roller over any one area, rolling in different directions where possible. White or coloured chipping may be sprinkled lightly on the surface during rolling is required.

N.B. The new surface may be used within a few hours but will remain pliable for several days after laying and during this period the surfacing should be treated with extra care. The macadam will gradually become harder as the flux oils evaporate from the surface, but this is a thermoplastic material and heavy concentrated loadings, especially point loadings should be avoided. Do not rest objects on the surface as in time they will probably indent. This effect will be greater as the point loadings increase e.g. chair and bench legs must always be avoided.

Storage

The bags of macadam should be kept sealed until use, and stored in a warm place prior to use. The Ayton Tack Coat Emulsion used with the macadam should be protected from frost and the containers kept tightly closed when not in use.

Cleaning

Wash residual emulsion off tools with cold water before it has dried. Remove dried film with white spirit or paraffin.

Coverage

Approximately 0.5sq. m. at approximately 20mm thick per bag.

For Health and Safety details please refer to the COSHH sheet for Bituminous Road materials.

The information in this leaflet is based in results we have achieved. As our products are subject to constant research and development, we advise customers to check that this leaflet has not been superseded. All products are covered by out standard conditions.

1. Identification of the substance/preparation and the company

Identification of the product: **Ayton Easimac™**

Product description: a mixture of fluxed bitumen and graded aggregate used for cold application in patching and temporary reinstatement of roads and other paved areas.

Supplier: Ayton Products
Browick Road
Wymondham
Norfolk NR18 ORJ

Tel: 01953 602002
Fax: 01953 604965
email: sales@ayton.co.uk

Emergency phone number: 01953 602002

2. Composition/information on ingredients

Ayton Easimac™ consists of natural graded aggregates coated with a mixture of bitumen and flux oil.

No components are present in such concentration to present a significant health or environmental hazard.

3. Hazards identification

Skin: Not considered to present a significant hazard under normal conditions of use. *See also toxicological information.*

Inhalation: No hazard under normal conditions of use

Eyes: See as for skin

Ingestion: Ingestion not considered likely, low order of toxicity.

4. First-aid measures

Inhalation: Not considered likely

Skin: Wash affected area with soap and water

Eyes: Flush out with clean water for at least 10 mins. If irritation persists seek medical help.

Ingestion: Not considered likely

5. Fire-fighting measures

Use carbon dioxide, dry powder, sand or earth. DO NOT USE WATER JET

6. Accidental release measures

Collect up spilled material and place in suitable containers for re-use or disposal

7. Handling and storage

Store in cool place out of direct sunlight to prolong storage life

8. Exposure controls and personal protection

Exposure limits

The following limits are taken from the Health and Safety Executive Guidance Note EH40 Occupational Exposure Limits:

Asphalt, petroleum fumes: 5mg/m³ 8 hour TWA value
10mg/m³ 15 min TWA value

Protective measures

Avoid skin contact - wear impervious gloves and suitable protective clothing

9. Physical and chemical properties

Appearance:	black granular solid	Odour:	slight hydrocarbon odour
Flash point:	n/a	Solubility in water:	immiscible
Solubility in organics:	bitumen/flux mixture miscible with many organic solvents		
Density:	n/a		

10. Stability and reactivity

Stable at normal temperatures and pressures

11. Toxicological information

The product contains bitumen. This presents no chronic health hazard at ambient temperature. But bitumen does contain aromatic oils which contain Polycyclic Aromatic Hydrocarbons (PCA's). Under normal conditions of use, skin contact with bitumen will be very limited.

Please note when bitumen is mixed with diluents (ie solvents) and is easy to pour and handle at ambient temperature, it is considered that these type of products present a chronic skin hazard if handled incorrectly. This is due to the presence of aromatic oils in the bitumen which contain Polycyclic Aromatic Hydrocarbons (PCA's). Occasional short term contact with the product is relatively harmless but prolonged or repeated contact may cause skin irritation or dermatitis. If attention to personal hygiene is poor more extreme skin disorders may arise and in extreme cases can lead to the development of skin cancers.

12. Ecological information

Not considered to present a hazard

13. Disposal considerations

Must be disposed of to Registered Waste Disposal Contractor. Disposal to comply with local and national regulations.

14. Transport information

Not classified as dangerous for transport

15. Regulatory information

Ayton Easimac™ does not require labelling under the Chemicals (Hazard Information and Packaging for Supply) Regulations.

The information contained in this safety data sheet does not constitute an assessment of workplace risks. Users are advised to refer to the following legislation for further information:

Legislation

Health and Safety at Work etc. Act 1974

Control of Substances Hazardous to Health Regulations

ADR International Agreement for the Transport of Dangerous Goods by Road

Environmental Protection Act 1990, Environmental (Duty of Care) Regulations

Guidance

IP Bitumen Safety Code

Bitumen Burns – Notes for Guidance. available from the European Bitumen Association
(email: dupont@eurobitume.org)

16. Other information

Recommended use:

Ayton Easimac™ is a cold-applied deferred set coated macadam used for patching, filling potholes and temporary reinstatement of roads and other paved areas.

The above information is based on our current knowledge of the product and produced in accordance with the requirements of the Chemicals (Hazards, Information and Packaging) Regulations. The purpose of this data sheet is to describe the product in terms of its safety requirements. It is the user's responsibility to satisfy themselves as to the adequacy and completeness of this information for their own particular use.