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KEELBLACK LTD - TECHNICAL DATA SHEET (TDS)

1. PRODUCT KEELBLACK

2. DESCRIPTION

Keelblack has been developed as a solution to problems of protection of steel from corrosion and inhibiting of marine growth in an environmentally acceptable form

Keelblack has been trialled and has demonstrated that it acts as a sealant forming an impervious skin over steel and preventing the ingress of moisture.

Keelblack is a rapid setting, water based, polymer enhanced, hydrocarbon compound designed to seal and waterproof. Its acidic nature allows good adhesion to the outer surface which prevents plating off. Keelblack does not become tacky at high temperatures and the high polymer content reduces low temperature embrittlement.

Keelblack is a non hazardous product.

Keelblack, as well as coating the surface, seals fine cracks and voids, significantly reducing the ingress of water which causes previous corrosion prevention methods to flake off.

3. APPLICATION

Keelblack may be applied by paint pad, brush or open texture roller. Dependent on the base surface, two coats may be adequate but a third coat is recommended.

Surfaces should be clean and free from dust, dirt and heavy rust. Rusted areas should be treated with a good quality zinc phosphate rust killer and preventer before applying Keelblack. All coating should be done in dry conditions at a minimum temperature of 5°C to help the product dry. In extreme cold, the product may be heated to a maximum of 50°C but does not generally require heating. Do NOT apply to frozen steel and do NOT dilute.

For a more detailed application instruction, please refer to the Keelblack Guide For Use document.

Typical spread rate is approximately 0.3ltr per sqm, although this will vary depending upon the condition of the surface being treated. The quoted figure should be used as guidance only.

4. PACKAGING

5 ltr and 25ltr kegs, 100ltr and 200ltr drums, 1,000ltr IBC and Bulk.

5. TYPICAL PROPERTIES

| | |
|--|--------------------------|
| Binder Content (mass) BS EN 1428 | Class 3: 48 – 52% |
| Efflux Time – 2mm @ 40 °C BS EN 12846 | Class 3: 15 – 45 seconds |
| Recovered Binder: | |
| Penetration @ 25 °C BS EN 1426 | Class 2: <50 |
| Softening Point (R&B) BS EN 1427 | Class 1: >75 °C |

6. STORAGE

PROTECT FROM FROST. All containers must be regularly agitated to reduce settlement. Kegs should be shaken and Bulk and IBC material should be circulated before use. Drums should be rolled several times or agitated suitably before use. All material should be circulated periodically if left in storage.

7. HEALTH AND SAFETY ADVICE / SUMMARY

Contact between the wet material and the skin should be avoided by the use of protective clothing, suitable gloves and rubber boots. Eyes should be protected from splashes. For full information, reference should be made to the product Safety Data Sheet.

8. ADDITIONAL INFORMATION

All products should be used in accordance with the manufacturer's instructions. No responsibility can be taken by the manufacturer where conditions of use are beyond our control.

Keelblack products are available for sale in accordance with Tuffblack Ltd Standard Conditions of Sale, available on request. Whilst any information and/or specification 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 or our Representatives, Agents or Distributors as the conditions of use and any labour involved are beyond our control.

Keelblack Technical Data sheets are updated on a regular basis.

To ensure that this technical data sheet has not been superseded please contact Tuffblack Ltd on 0333 405 4045 or info@keelblack.com.

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