

SAFETY DATA SHEET**1. IDENTIFICATION OF THE PREPARATION AND COMPANY****Products:** BITUMINOUS ROOFING MEMBRANES**Product Use:** Roofing membranes**Supplier:** Permanite Engineered Roofing Systems Tel: 01257 255771
Appley Lane North, Appley Bridge, Wigan, Fax: 01257 252514
Lancashire WN6 9AB**2. COMPOSITION/INFORMATION ON INGREDIENTS**

The products in the range consist of a reinforcing base material coated with bitumen and a surface finish. The base materials include polyester, glass/polyester and glass fibres in sheet form, some used in conjunction with aluminium foil. The bitumen coating may contain mineral filler and/or synthetic polymers. The Ultra prevENT and FireBLOC cap sheets have an inert graphite coating on the upper surface of the base carrier and the FireBLOC Vapour Control layers have a fire retardant modified bitumen coating. The surface finish may be sand, talc, mineral granules or polymeric film.

The products are not classified as dangerous under the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP 3). They may, however, contain or be coated with substances for which occupational exposure limits, which may be Maximum Exposure Limits (MEL) or Occupational Exposure Standards (OES), have been approved by the Health and Safety Committee, as indicated in the **PRODUCT TABLE** on page 3.

3. HAZARDS IDENTIFICATION

No hazards identified in the normal use of the product.

4. FIRST-AID MEASURES

IN ALL CASES IF SYMPTOMS ARE SEVERE, PERSIST OR CAUSE CONCERN, OBTAIN IMMEDIATE MEDICAL ADVICE.

First aid procedures apply when products are subjected to high temperatures, e.g. in a fire, or when heated during installation.

Skin: In the event of contact with hot bitumen immediately cool affected part under cold running water for at least 10 minutes. Adhering bitumen can be left to act as a sterile barrier and may be removed using warm medicinal liquid paraffin.**Eyes:** Hot bitumen splashed into the eye should be cooled immediately by irrigating with cold running water for at least 10 minutes. Obtain medical advice.**Inhalation:** Remove from source of fumes to fresh air if any ill effects are experienced. Rest and keep warm.**5. FIRE-FIGHTING MEASURES**

Standard bitumen based roofing membranes are combustible and release dense black smoke when they burn. The Ultra prevENT and FireBLOC cap sheets have an inert graphite coating on the upper surface of the base carrier, which when installed produces a significant reduction in the capacity of the product to burn and reduces smoke emission in a fire situation. In the event of a fire, wear protective clothing. Extinguish fire with foam, dry powder, water fog, sand or earth. Do not use water jet.

6. ACCIDENTAL RELEASE MEASURES

Not applicable.

7. HANDLING AND STORAGE

Store under cover away from sources of heat and ignition. Refer also to product technical literature for any specific conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

The use of heavy duty gloves to protect against skin abrasion and burns through contact with hot bitumen or flame of gas torch during installation is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

The intended use of these products is as roofing or waterproofing membranes. Additional product information including details of physical characteristics and application is available in the product technical literature.

10. STABILITY AND REACTIVITY

No known hazard.

11. TOXICOLOGICAL INFORMATION

No known hazard.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Dispose of waste material in accordance with national and local regulations.

14. TRANSPORT INFORMATION

Not classified for Road, Rail, Sea or Air Transport.

15. REGULATORY INFORMATION

Not classified as dangerous under the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP 3).

16. OTHER INFORMATION

Revision Comments: This issue replaces RSDS 101, Issue No.3: August 2005.
Section amended: 16, Product Table.

For further information contact Ruberoid/Permanite Technical Services Department:
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In an emergency, telephone 0844 412 7228

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The information contained in this data sheet does not constitute an assessment of workplace risk as required by current legislation. Whilst every care is taken to see that the information is correct and up to date, it is not intended to form part of any contract or give rise to any collateral liability, which is hereby specifically excluded.

PRODUCT	SUBSTANCE (See notes below for occupational exposure limits of substances)			
	Silica ¹	Talc ²	Glassfibre ³	Bitumen ⁴
<u>Gold Roofing Range</u>				
Ultra prevENt Cap Sheet Slate				
Ultra prevENt Underlay				
Ultra prevENt T-O Cap Sheet Slate				
Ultra prevENt T-O Underlay				
Ultra prevENt M-F Slate				
Pre-formed details				
<u>Premier Roofing Range</u>				
Superflex FireBLOC 350, 250 Slate				
Superbase FireBLOC 180 Underlay				
Superbase SA Underlay				
Superflex T-O FireBLOC 350, 250 Slate				
Superbase T-O FireBLOC 180 Underlay				
Permatorch 4.5 Slate				
Superbar FireBLOC				
Superbar FireBLOC T-O				
Superbar FireBLOC SA				
Superbar FireBLOC Double-Stick				
Superflex Pipe & Outlet Flashing Slate				
Superflex Pipe & Outlet Flashing Plain				
Torflex APP & SBS Cap Sheets				
Torflex APP Smooth				
<u>Premier Specialist Products</u>				
Quadra Slate (AD 4 Mec)				
Quadra Rock				
Permatorch T-O Anti-Root				
Superflex T-O Copper				
Quadra Stick				
Armourtherm Base				
Polygum Turbo				
<u>Standard Roofing Range</u>				
Turbo Torch Slate				
Turbo Torch Talc				
Ruberfoil SBS				
Ruberfort HP 5E 350, 250, 180 Slate				
Ruberfort HP 5B 350, 250, 180 Sand				
Ruberfort HP 5U 125 Sand				
Challenger SBS Sand & Slate				
Challenger Polyester Sand & Slate				
Challenger APP Slate				
Adesso Slate				
Torch Vent Underlay				
Torch 4mm Plain				
Super Universal Torch Underlay				
Glassgum Universal Underlay				
Universal Torch Underlay				
<u>General Range Products</u>				
Rubervent 3G				
Glasphalt 3B Sand				
Glasphalt 3E Slate				
Glasphalt Perforated				
Glasphalt SBS Slate				
Coldseal Cap Sheet				
Coldseal Underlay				
<u>Underslating Materials</u>				
Zylex				
Starex				
Eaves Protection Strip				
<u>Traditional Fibre Based Roofing</u>				
Light Underlay				
Medium Underlay				
Heavy Underlay				
Shed Felt Slate				
Top Sheet Slate				
<u>Retail Roofing Range</u>				
Shed Felt Slate				
Base Sheet				
Top Sheet Slate				

NOTES

1. Silica is present as a constituent of the sand and mineral slate surfaced finishes used. The MEL for total inhalable dust is 0.3mg/m³.
2. Talc is present as a surface finish. The OES, 8-hour TWA, for respirable dust is 0.1mg/m³.
3. Glass fibre is present as a reinforcing base encapsulated in bitumen. Exposure levels are likely to be very low in normal use. The MELs, 8-hour TWA, are 5mg/m³, for total inhalable dust, and 2 fibres/ml, when determined by an HSC approved method.
4. All products listed above contain bitumen. The OESs for Asphalt, Petroleum Fumes (bitumen) are 5 mg/m³ (8-hour TWA) and 10 mg/m³ (15 min ref period).