



MATERIAL SAFETY DATA SHEET

SDS 511

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1. Product and Company Identification

- 1.1 PRODUCT NAME:** DEBOBASE 3.5 CS/F K180 SPECIAL
- 1.2 USE OF PRODUCT** Flexible waterproof membrane for underground structures and screed protected areas in construction.
- 1.3 SUPPLIER:** Equus Industries Ltd
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- 1.4 EMERGENCY CONTACT:** **National Poison Centre**
Telephone: 0800 764 766

Information about Safety Data Sheet: Telephone: +64 3 578 0214 8:00am – 6:00pm Mon – Fri

- 1.5 DATE OF PREPARATION:** 27 July 2015

2. Hazards Identification

- 2.1 Statement of Hazardous Nature:**
Not considered as hazardous according to New Zealand Hazardous Substances (Minimum degrees of hazard) Regulations 2007.
- 2.2 HSNO Group Standard:**
Not applicable
- 2.3 Substance Classification:**
Not applicable
- 2.4 Hazard Statements:**
Not applicable
- 2.5 Prevention Statements:**
Not applicable
- 2.6 General comment:**
No hazards are identified in the normal use of this product. However, in some application methods installing waterproofing membranes require bitumen on the membrane to be melted to provide a bond. This is therefore a risk of thermal burns from the hot bitumen.

3. Composition/Information on Ingredients

3.1 Composition:

The product consists of a reinforcing polyester base material coated with elastomer modified bitumen and surface finish of a mixture of 1 – 2mm treated aggregate.

3.2 Hazardous Ingredients:

Not Applicable.

4. First Aid Measures

Risks, in all cases exclusively when the product is subjected to high temperatures. If symptoms are severe, persist or cause concern, obtain immediate medical advice.

4.1 After Inhalation:

Remove from sources of fumes, into fresh air if any ill effects are experienced. Rest and keep warm. If feeling unwell seek medical advice.

4.2 After Skin Contact:

In the event of contact with hot bitumen immediately irrigate affected part under cold running water (for at least 15minutes) and transport urgently to a specialised hospital. DO NOT attempt to remove the adhering bitumen as it can act as a sterile barrier until healing occurs. If not detached by itself, it may be removed using warm medicinal liquid paraffin.

4.3 After Eye Contact:

Hot bitumen splashed into the eye should be cooled immediately by irrigating with cold running water, the eyes as wide open as possible, for at least 15 minutes. Obtain medical advice.

4.4 After Ingestion:

Do not induce vomiting. Rinse mouth. Obtain medical attention immediately.

5. Fire Fighting Measures

Standard bitumen based waterproofing are combustible and release dense black smoke when they burn. In the event of a fire, wear protective clothing and an appropriate self-contained breathing apparatus. Extinguish fire with alcohol-resistant foam, dry powder, water fog, sand or earth. Do not use water jet.

6. Accidental Release Measures

6.1 Preliminary Action and Precautions:

Personal precautions:	Not applicable.
Environmental precautions:	Not applicable.
Methods for cleaning:	Not applicable.

7. Handling and Storage

7.1 Handling:

Be aware of the weight of the products and packaging (pallets, containers,...) before handling the products. Handle in accordance with good industrial hygiene and safety practice.

7.2 Storage:

Store under cover away from sources of heat and ignition.

Refer also to product technical literature for any specific conditions.

8. Exposure Controls and Personal Protection Equipment

8.1 Personal Protection Equipment:

The type of protective equipment must be selected according to the concentration and amount of the dangerous substances at the specific workplace. Protective clothing including sturdy footwear, heavy-duty gloves and eye protection should be worn when in contact with hot bitumen or when there is a risk from splashes of liquid bitumen.

8.2 Respiratory Protection:

Ensure enough ventilation.

9. Physical and Chemical Properties

9.1 Appearance: Black Sheet in roll form with mineral finish.

The intended use of this product is as a waterproofing membrane.

Additional product information including details of physical characteristics and application is available in the product technical literature.

10. Stability and Reaction

10.1 General Information:

This product is stable under normal storage and handling conditions. No known hazard.

11. Toxicological Information

11.1 General Information:

No known hazard in its standard form.

When subject to high temperatures, see the precautions described in section 4.

12. Ecological Information

12.1 None that causes negative aspects at normal use.

Mobility: Not applicable

Persistence and degradability: Not biodegradable.

13. Disposal Consideration

13.1 Material

The waste products are classified as ordinary industrial waste so they can be disposed of in accordance with national and local regulations.

14. Transport Information

14.1 Land Transport:

Not regulated under NZS 5433 for land transport.

14.2 Sea Transport: Not regulated for transport of dangerous goods.

14.3 Air Transport: Not regulated for transport of dangerous goods.

15. Regulatory Information

15.1 HSNO Approved

Not Applicable

15.2 HSNO Controls

Not Applicable

16. Other Information

16.1 Abbreviations/Terminology:

HSNO

Hazardous substances and New Organisms Act

16.2 Issue Information:

Date of preparation: 27 July 2015

Reasons: Update and format change

Replaces: 1 July 2007

16.3 The information contained in this Data Sheet relates only to the specific material identified. Equus Industries Ltd believes the information to be accurate and reliable as at the date of this Data Sheet. No Warranty, Guarantee or representation is expressed or implied by the Company as to the absolute correctness or completeness of any representation contained in this Data and assumes no legal responsibility in connection therewith. It can not be assumed that all acceptable safety measures are contained in this Data Sheet, or that additional measures may not be required under particular or exceptional circumstances or conditions.