

## 1. PRODUCT IDENTIFICATION

### CALFOIL

Calfoil; is a flexible graphite foil of various thicknesses used as a coating for Calcarb CBCF materials.

Supplied by Calcarb Ltd.

## 2. CHEMICAL COMPOSITION

Graphite – minimum 99.95% carbon.

Contains some structurally bonded elemental impurities.

## 3. HAZARDS IDENTIFICATION

**Calfoil** is not hazardous under normal conditions of operation and use. This product is not associated with any particular hazard, so long as the general rules relating to industrial hygiene are respected.

## 4. EMERGENCY & FIRST AID PROCEDURES

**Calfoil** presents no hazards.

## 5. FIRE-FIGHTING MEASURES

Non-flammable below 300°C.

Extinguisher: Water, Foam, Carbon Dioxide, Dry Powder; all acceptable.

## 6. ACCIDENTAL RELEASE MEASURES

No special measures necessary.

## 7. HANDLING & STORAGE

Keep containers closed and dry. Protect from moisture.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**Calfoil** presents no hazards during normal intended use.

Good standards of industrial hygiene should be observed.

## 9. PHYSICAL DATA

Appearance and Odour	high lustre grey foil with no significant odour
pH	7.00
Melting Point (Sublimation)	3650°C
Density	1.0 mg/m <sup>3</sup>
Oxidising Point	>350°C

Solubility (water)

Insoluble

## 10. STABILITY AND REACTIVITY

Stable under normal conditions of use.

**Calfoil** exhibits excellent chemical resistance to all compounds at room temperature.

Decomposition (at temperatures >350°C and in an oxidising atmosphere) will produce oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

Non-toxic material.

## 12. ECOLOGICAL INFORMATION

**Calfoil** has no ecological impact.

## 13. DISPOSAL CONSIDERATIONS

This material is not classified as special waste.

Incinerate / Landfill in accordance with state, national and local regulations.

## 14. TRANSPORT INFORMATION

**Calfoil** materials are not dangerous for transport by any mode.

## 15. REGULATORY INFORMATION

No regulations covering **Calfoil** have been identified.

## 16. OTHER INFORMATION

### Uses and Restrictions:

Calfoil; is a flexible graphite foil of various thicknesses used as a coating for Calcarb CBCF materials.

### Training and Related Advice:

This document contains important information to ensure the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters.

### Revision Details:

Amended to comply with both the requirements of the Safety Data Sheet Directive 2001/58/EC and Regulation 5 of The Chemical (Hazard Information and Packaging for Supply) Regulations 2002.

### Publication and Revision Dates:

Original Approval Date: 04 MAR 04

### Disclaimer:

The technical information provided in this MSDS should only be used for the purpose of assessing hazards with respect to safety or the environment. It should not be used as a technical specification or for engineering calculations.

The information contained herein is accurate to the best knowledge and belief of Calcarb Ltd and intended to describe the product for the purposes of health, safety and environmental requirements only. It is not intended, and should not be construed, as a warranty. Calcarb Ltd should be consulted for further information.

**Valid as of August 2005**