

# MATERIAL SAFETY DATA SHEET



Kemwell FireKem FP-900 Board - A Calcium Silicate Fire Resistant Building Board

## 1. IDENTIFICATION OF SUBSTANCE AND COMPANY IDENTIFICATION

### Product:

Kemwell FireKem FP-900® - A1 non-combustible calcium silicate fire protection building board. It has multi-purpose applications and is commonly used for commercial and industrial building projects.

As a versatile Class 0 rated board, it is perfect for internal partitions, external walls, roofs, floors and ceilings, and is particularly suited for dry wall construction applications.

### Company:

Kemwell Fire International Limited, Premier House, 13 St. Paul's Square, Birmingham, B3 1RB

Tel: UK +44 (0)121 285 3156 / Ireland +353 (0)1 565 3756



## 2. COMPOSITION INFORMATION ON INGREDIENTS

Kemwell FireKem FP-900 Board is rigid sheet product comprising of Calcium Silicate, Vermiculite, Mica, and Cellulose fibre.

## 3. HAZARDS IDENTIFICATION

Kemwell FireKem FP-900 Board does not contain any known hazardous materials and needs no special precautions to be taken in either handling or working on the product.

## 4. FIRST AID MEASURES

Issue	Action
Eyes	Irrigate with water for at least 15 minutes. If irritation occurs obtain medical attention.
Inhalation	Remove to fresh air. If irritation persists obtain medical attention.
Skin Contact	Wash with soap and water or with usual hand cleaner. If irritation occurs obtain medical attention
Ingestion	Do not induce vomiting. Give milk or water to drink and obtain medical attention
Additional Advice	Gloves, dusk masks and eye protection is recommended for use when cutting and drilling FireKem FP-900 Board as irritation from fibres and dust can occur.  <b>IN THE EVENT OF FIRST AID MEASURES NOT ALLEVIATING PROBLEM SEEK MEDICAL ADVICE SHOW THIS DOCUMENT TO THE MEDICAL PERSONNEL.</b>

## 5. FIRE FIGHTING MEASURES

### Advice

Material is non-combustible. Select extinguishing agent appropriate to other materials involved.

## 6. ACCIDENTAL RELEASE MEASURES

### Advice

Not applicable.

## 7. HANDLING AND STORAGE CONTROLS

### Advice

Gloves should be worn when handling FireKem FP-900 boards. Boards should be kept in a dry place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Advice

No special measures necessary. Personnel Protective Equipment required when handling FireKem FP-900 Board. Gloves, and eye protection is recommended for use when cutting and drilling FP-900 Board as irritation from fibres and dust can occur and dusk masks complying with BS 6016 are recommended to avoid inhalation of dust.

## 9. GENERAL INFORMATION

Odour	Odourless
Boling Point	Not applicable
Melting Point	Not applicable
Vapour Pressure	Not applicable
Water Solubility	Not applicable
Density	975 Kg/m <sup>2</sup>
Flammability Limits	FireKem FP-900 is a non-combustible Product in accordance with EN ISO 1182 and EN ISO 1716 and EN 13501-1
Volatility by Volume	None

## 10. STABILITY AND REACTIVITY

### Advice

Calicum Silicate will deteriorate in the presence of some acids. **Conditions to avoid:** None known.

## 11. TOXICOLOGICAL INFORMATION

### Advice

Product is not classified as hazardous. Note: In respect of any dust which may be associated with the product: Magnesium Oxide, (as Mg), Occupational Exposure Limit: Total inhale dust 10mg/m<sup>3</sup> (8 hour TWA reference period). Fume & respirable dust 4mg/m<sup>3</sup> (8 hour TWA reference period). 10mg/m<sup>3</sup> (15 minute reference period).

## 12. ECOLOGICAL INFORMATION

### Advice

Stable product with no known adverse effects.

## 13. DISPOSAL CONSIDERATIONS

### Waste Disposal Method

Dispose at an authorised landfill site according with local or national controls.

## 14. TRANSPORT CONSIDERATIONS

### Advice

The product is not classified as hazardous for transport.

## 15. REGULATORY INFORMATION

The product is not classified as hazardous. This safety data sheet is issued in compliance with the general requirement of Section 6 of The Health & Safety at Work etc, Act of 1974, for provision of information to make the user aware of any risks to health and safety of a product. UK Laws and Regulations relevant to the preparation of this safety data sheet include: Health and Safety at Work etc. Act, 1974. Control of Substances Hazardous to Health Regulations, 1999, (COSHH). CHIP 3 Regulations 2002, (see section 16).

## 16. OTHER INFORMATION

Data used for compilation of the information given in this data sheet include: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002, (CHIP 3). The Approved Code Of Practice, Compilation of safety data sheets, (Third edition). Occupational Exposure Limits 2002, (EH40/2002)

**Note:** *As of the date of preparation of this document the foregoing information are believed to be accurate. However no warranty or representation with respect to such information is intended or given.*

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