

B135604

**James Walker®**

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Revision: 1  
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# Material Safety Data Sheet

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name: SENTINEL

Company: James Walker & Co Ltd  
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## 2. HAZARDS IDENTIFICATION

Not classified under CHIP 3 Regulations: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

In normal handling and fitting there is negligible risk to health as the fibres are bound by the rubber binder and do not normally become airborne. Fibre inhalation tests for aramid fibre do not indicate evidence for the material being acarcinogen.

When removing used jointings, there may be some dust evolved and this should be minimised by wetting the material with water or oil.

Inhalation of dust may cause irritation of the respiratory tract.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Sentinel is a compressed fibre reinforced sheet jointing consisting of aromatic polyamide (aramid) fibres bound with an acrylonitrile butadiene rubber based compound and containing clay, silica, calcium silicate, pigments and vulcanising agents.

## 4. FIRST AID MEASURES

INHALATION: If any dust or fumes from hot material are inhaled, remove the subject to fresh air and seek medical attention if any irritation or discomfort persists.

EYE CONTACT: Flush with clean water for 15 minutes and seek medical attention if any irritation persists.

SKIN CONTACT: Wash well with soap and water, seek medical attention if any irritation persists.

INGESTION: Unlikely to occur but if it does, seek medical attention.

## 5. FIRE-FIGHTING MEASURES

Water, foam, carbon dioxide or dry powder are suitable extinguishants as determined by the surrounding materials. Sentinel does not constitute a fire risk.

Self-contained breathing apparatus should be worn if tackling a fire in a confined space or involving large quantities of this product as toxic fumes will be evolved.

**This copy will not be updated.**

This information given should be treated as guidance and the user must assess the actual risks from the storage, transportation, usage and disposal methods. The safety standard should conform with the requirements of legislation, approved codes of practice and related HSE guidance publications. The Health and Safety at work act 1974, Factories act 1961, Protection of Eye Regulations 1974 and the Control of Substances Hazardous to Health (COSHH) 1988 are particularly relevant. It should be noted that the information in this datasheet is not applicable if the usage or working methods are different to those given in this datasheet.

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### 6. ACCIDENTAL RELEASE MEASURES

Pieces of jointing should be picked up and placed in a container for disposal. Dusty waste should be dampened before being swept up, or vacuumed with a vacuum cleaner fitted with a fine dust filter. Dusty waste should be placed in plastic bags and sealed.

Dispose of as detailed in Section 13.

### 7. HANDLING AND STORAGE

**Storage:** Store in a cool, dry place away from direct sunlight and electrical switchgear.

**Handling:** Observe good standards of industrial hygiene when handling this product. Although there are no known long term hazards associated with the use of products containing aramid fibres, exposure to any inhalable material should be minimised as prolonged exposure could result in respiratory disorders.

Hand tools are recommended when removing used gaskets. Mechanical processes such as grinding, which could liberate dust, should be avoided. Dampening the used gaskets with water or oil before removal will reduce the likelihood of dust emissions.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** Approved dust mask if required.

**EYE PROTECTION:** Safety glasses if required.

**HAND PROTECTION:** Gloves, barrier cream if required.

**OTHERS:** N/A

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**FORM:** Sheetting and cut gaskets.

**COLOUR:** Yellow surfaces, white interior.

**ODOUR:** Slight rubber-like odour.

**DENSITY:** 1.6 g/cm<sup>3</sup>

**SOLUBILITY IN WATER:** Insoluble.

### 10. STABILITY AND REACTIVITY

This product is stable under recommended conditions of storage and fitting. Toxic fumes may be evolved at elevated temperatures.

### 11. TOXICOLOGICAL INFORMATION

This product is non-hazardous. There is no evidence of any serious health hazard posed by aramid fibres. Dust should not be inhaled. Toxic fumes may be evolved at elevated temperatures and these should not be inhaled.

### 12. ECOLOGICAL INFORMATION

No harmful ecological effects are known from handling this product.

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### 13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

### 14. TRANSPORT INFORMATION

Not classified under CHIP 3 Regulations: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

Not classified as dangerous for transport.

### 15. REGULATORY INFORMATION

Not classified under CHIP 3 Regulations: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

Not classified as dangerous for supply/use.

### 16. OTHER INFORMATION

Nons.

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