

# SAFETY DATA SHEET

## FKM Crumb

Date: 06/2019

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### SECTION 1 IDENTIFICATION OF SUBSTANCE

#### 1.1 Product Identifier:

Identification on the label/ Trade name: FKM Crumb

#### 1.2 Relevant Identified uses of the substance and uses advised against:

##### 1.2.1 Identified uses:

Recycled filler and cost reducer for FKM rubber compounding.

##### 1.2.2 Uses advised against:

Not available

#### 1.3 Details of the Supplier of the material safety data sheet:

J. Allcock & Sons Ltd.,  
Textile Street,  
West Gorton,  
Manchester,  
M12 5DL.

Email: ja@allcocks.co.uk  
Tel: +44 (0)161 223 7181  
Fax: + 44 (0)161 223 0173

For further information please contact:

Contact point: Quality Manager  
Email address: ja@allcocks.co.uk

All SDSs can be found on the relevant product page on the company website: [www.allcocks.co.uk](http://www.allcocks.co.uk)

#### 1.4 Emergency telephone number

Emergency telephone: +44 (0)161 223 7181

### SECTION 2 HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture:

##### 2.1.1 Classification:

This product is not classified as hazardous, according to the Chemical (Hazard Information and Packaging) Regulations. All possibly hazardous ingredients are in an encapsulated form, and should not pose the hazards that are present in their original state.

#### 2.2 Label Elements:

##### Hazard Pictograms:

Not applicable.

##### Signal Word(s):

Not applicable.

##### Hazard Statement:

Not applicable.

##### Precautionary statement:

Not applicable.

#### 2.3 Other hazards

Not available.

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Substance/Mixture:

The product in question is ground, fine particle, vulcanised fluorocarbon elastomer compound. It has been recycled from an article.

#### 3.2 Ingredients:

FKM crumb is an encapsulated blend of all the materials contained in FKM rubber compounds.

### SECTION 4 FIRST-AID MEASURES

#### 4.1 Description of first aid measures:

##### 4.1.1 In case of inhalation:

Remove the effected person to the fresh air If recovery is not rapid obtain medical attention.

##### 4.1.2 In case of skin contact:

Wash the effected parts with soap and water. No emergency measures are necessary but if adverse skin effects follow, refer for medical attention.

##### 4.1.3 In case of eyes contact:

Flush eyes immediately with clean, fresh water for a minimum of 15 minutes, holding the eyelids open. No emergency measures are necessary but if adverse eye effects follow, refer for medical attention.

##### 4.1.4 In case of ingestion:

Do not induce vomiting. No emergency measures are necessary but if adverse health effects follow, refer for medical attention.

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#### 4.2 Most important symptoms and effect, both acute and delayed:

Symptoms of accidental exposure would be non-specific, non-toxic and similar to those of any major dust inhalation – coughing, expectoration, sneezing and difficulty in breathing due to upper respiratory tract irritation.

#### 4.3 Indication of any immediate medical attention and special treatment needed:

No specific requirement.

### SECTION 5 FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media:

- 5.1.1 Suitable extinguishing media:  
Foam carbon dioxide, dry chemical, water mist.
- 5.1.2 Unsuitable extinguishing media:  
All extinguishing media can be used.

#### 5.2 Specific Hazards arising from the substance or mixture:

Toxic by-products, including HF and toxicfluorocarbon olefins may be found above 205°C, and during combustion.

#### 5.3 Advice for fire-fighters:

Use self-contained breathing apparatus and protective clothing to protect against HF.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures:

- 6.1.1 For non-emergency personnel:  
Avoid sources of ignition and ventilate the area. Exclude all non-essential personnel. Avoid breathing the dust or smoke.
- 6.1.2 For emergency responders:  
Inhalable dust 10mg/m<sup>3</sup> (8hr TWA – OES) Respirable dust 5mg/m<sup>3</sup> (8hr TWA – OES). Use suitable respiratory protection.

#### 6.2 Environmental precautions:

Not established.

#### 6.3 Methods of containment and cleaning up:

Avoid dry brushing as dust clouds or static can be created.

#### 6.4 Reference to other sections:

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

### SECTION 7 HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

Precautions should be taken to prevent the formation of dusts in concentration above flammable, explosive or OEL's. Avoid inhalation of the dust. Good housekeeping standards and regular safe removal of waste material will minimise risks of spontaneous combustion and other fire hazards. Use normal hand and eye protection. The Manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments.

#### 7.2 Conditions for safe storage, including any incompatibilities:

Store in a dry place and avoid sources of heat or ignition. Store below 38°C.

#### 7.3 Specific end use(s):

Please contact the supplier for advice on specific end uses or applications.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters:

To date, no national critical values exist.

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### 8.2 Exposure controls:

#### 8.2.1 Appropriate engineering controls:

No special technical protective measures are

#### 8.2.2 Individual protection measures:

##### Eye/face protection:

Wear safety glasses with side shields where there is a risk of dust generation that could lead to mechanical irritation of the eyes.

##### Hand protection:

Protective gloves are not necessary but recommended for normal use.

##### Body protection:

Cotton or cotton/synthetic overalls/coveralls are normally

##### suitable. Respiratory protection:

Occupational Exposure Limits: Inhalable dust: 10mg/m<sup>3</sup> (8hr TWA - OES)

Respirable dust: 5mg/m<sup>3</sup> (8hr TWA - OES)

Suitable respiratory protection should be worn. Provide adequate ventilation. Where reasonably practicable, this should be by local exhaust ventilation and good general extraction

#### 8.2.3 Environmental exposure controls:

Avoid wind or airborne dispersal.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties:

Appearance:		Fine particulate solid.
Physical state:		Fine particles which may agglomerate slightly.
Colour:		Varies.
Odour:		Almost odourless (rubbery)
pH:		Not applicable.
Melting point/range (°C):		Not applicable.
Boiling point/range (°C):		Not applicable.
Flash point (°C):		Not applicable.
Evaporation rate:		Not applicable.
Flammability (solid, gas):		Not easy to ignite.
Ignition temperature (°C):		Not applicable.
Upper/lower flammability/explosive limits:		Not applicable.
Vapour pressure:	@ 20°C	Not applicable.
Vapour density: Relative		Not applicable.
Density (g cm <sup>-3</sup> ):	@ 25°C	Not available.
Solubility:		Insoluble in water.
Auto-ignition temperature (°C):		Approx. 500°C
Decomposition temperature		Approx. 500°C
(°C): Viscosity (mm <sup>2</sup> s <sup>-1</sup> , cSt):	@ 25°C	Not applicable.

### 9.2 Physical hazards:

None other than weight of package.

## SECTION 10 STABILITY AND REACTIVITY

### 10.1 Reactivity:

Inert.

### 10.2 Chemical stability:

Stable under recommended storage and handling conditions. Store below 38°C.

### 10.3 Possibility of hazardous reactions:

Avoid strong oxidising agents.

### 10.4 Conditions to avoid:

Fire. > 205°C.

### 10.5 Incompatible materials:

Strong oxidising agents, strongly alkaline materials, Al and Mg.

### 10.6 Hazardous decomposition products:

In fire, or above 205°C, HF and organic fluorides will be produced.

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### SECTION 11 TOXICOLOGICAL INFORMATION

#### 11.1 Toxicokinetics, metabolism and distribution:

No information available.

#### 11.2 Information on toxicological effects:

Acute toxicity:

LD50 (Oral): No information available.

LD50 (Dermal): No information available.

Skin corrosion/irritation:

May cause mild irritation only.

Serious eye damage/irritation:

May cause mild irritation only.

Respiratory or skin sensitization:

May cause mild irritation. Unlikely to cause systemic health effects.

Germ cell mutagenicity:

No information available.

Carcinogenicity:

No information available.

Reproductive toxicity:

No information available.

STOT- single exposure:

No information available.

STOT- repeated exposure:

No information available.

Aspiration hazard:

May cause mild irritation only.

If heated above 205°C, may emit vapour, including HF, which could cause extreme skin, eye and mucous membrane irritations. Could also aggravate respiratory illnesses. Avoid inhalations of decomposition products. Avoid moisture contamination. Do not smoke.

### SECTION 12 ECOLOGICAL INFORMATION

#### 12.1 Ecotoxicity:

Not expected to be dangerous to the environment.

#### 12.2 Persistence and degradability:

Not readily biodegradable.

#### 12.3 Bioaccumulative potential:

Not relevant.

#### 12.4 Mobility in soil:

Negligible.

#### 12.5 Results of PBT and vPvB assessment

No information available.

#### 12.5 Other adverse effects:

No specific adverse effects known.

### SECTION 13 DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods:

Transport to authorised waste location, or incinerate under controlled conditions (EU Directive 2000/76/EC and 1999/31 EC apply). Incineration requires scrubbing of gaseous production to remove HF.

#### 13.2 Product/ Packaging disposal:

Recycling and disposal should be carried out in compliance with local regulations.

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### SECTION 14 TRANSPORT INFORMATION

#### 14.1 General:

Not relevant.

#### 14.2 UN-no:

Not classified.

#### 14.3 Transport hazard class(es)

##### 14.3.1 RID/ADR:

Not classified.

##### 14.3.2 IMO:

Not classified.

##### 14.3.3 IATA/ICAO:

Not classified.

### SECTION 15 REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Not available.

#### 15.2 Chemical safety assessment:

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16 OTHER INFORMATION

#### Issued by:

J. Allcock & Sons Ltd.

#### MSDS No.:

WEB01

#### Date:

06/2019

For any further information please contact **J. Allcock & Sons Ltd.**

**DISCLAIMER:** All information and instructions provided in these Safe Handling Instructions (SHI) are based on the current state of scientific and technical knowledge at the date indicated on the present SHI. J. Allcock & Sons Ltd. shall not be held responsible for any defect in the product covered by this SHI, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge. **Dated:06/2019**

