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## Material Safety Data Sheet (1-4 Pages)

### Section 1: Identification of Substance / Preparation

<b>Product Code:</b>	EP100/A1, EPB110/A1/A2, EP120/A2, EP120/M1/F1, GEP120/A2, WEP120/A2, EP150/A3, CR140/C2.
<b>Manufacturer/Supplier:</b>	Flexi-Cell (UK) Ltd
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### Section 2: Composition / Information on Ingredients

<b>This chemical product is a preparation:</b>	A compounded and cross-linked synthetic polymers, Ethylene Propylene Diene Modified (EPDM) and Polychloroprene rubber with inert fillers and processing additives
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### Section 3: Hazards Identification

<b>Critical Hazard</b>	<b>Symbol-</b> NONE <b>R Phase-</b> NONE. No significant hazards
<b>Main Hazard</b>	<b>Skin Contact</b> – Material may cause irritation on prolonged or repeated contact

### Section 4: First Aid Measures

<b>First Aid – Eyes</b>	Wash eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention if ill effect or irritation develops.
<b>First Aid – Skin</b>	Wash off with soap and plenty of water.
<b>First Aid – Ingestion</b>	Wash out mouth with water.
<b>First Aid – Inhalation</b>	Move to fresh air in case of accidental inhalation of dust and fumes of dust or fumes from overheating or combustion. Consult a physician after significant exposure.

### Section 5: Fire Fighting Measures

<b>Extinguishing Media</b>	Use water spray, foam, dry chemical. Keep packaging and surroundings cool with water spray.
<b>Specific Hazards</b>	
o <b>Solid</b>	Treat the material as a solid that can burn
o <b>Combustion Products</b>	CO, CO <sub>2</sub> , H <sub>2</sub> O, Hydrogen Chloride, Sulphur dioxide, low molecular weight products various hydrocarbons, aldehydes, alcohol's, dense black smoke
o <b>Protection of Fire Fighters</b>	Full emergency equipment with self contained breathing apparatus should be worn to protect fire fighters from any hazardous decomposition or combustion products.

### Section 6: Accidental Release Measures

<b>Personal Precautions</b>	Prevent release of dust during grinding by use of filters. Protect skin, eyes and hands (see section 8)
<b>Environmental Precautions</b>	For disposal considerations (see section 12)
<b>Cleaning Up Methods</b>	Use suitable industrial vacuum cleaners to suck up crumbs of dust. Shovel or sweep up spilt material. Avoid generation of dust clouds. Put into containers for reclaiming or disposal.

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## Section 7: Handling and Storage

<b>7.1 Handling Precautions</b>	
General Precautions	Avoid contact with hot materials.
Personal Protection	For information on personal protection when handling see section 8.
Hygienic Precautions	Adequate washing facilities with supplies of mild soap and hand cleaner should be available at all working locations. Smoking, eating and drinking in working and storage areas should be prohibited.
Advice on Technical Matters	
Ventilation: General Mechanical	A power ventilation system should be installed where: Blocks, sheets are being ground
Prevention of dust generation. Handling	When handling blocks dust will not normally occur. During grinding dust can be generated. The use of an approved dust mask is advised.
Filtering	Take the utmost care to prevent dust explosion and apply proper local grounding wherever powdered material is present.
Prevention of Fire and Explosion	See Section 7.2

<b>7.2 Storage</b>	
Storage Accommodation	The storage area should be clean, dry and properly ventilated.
Temperature	The storage area should preferably be between 10°C and 30°C

## Section 8: Exposure Controls / Personal Protection

Personal Protective Equipment	
Respiratory Protection	Not applicable under normal considerations.
Hand Protection	Protective gloves are recommended during handling.
Eye Protection	Safety glasses are recommended if dust is generated from grinding.
Skin and Body Protection	Not applicable.

## Section 9: Physical and Chemical Properties

Physical State	Cellular Material
Form	Blocks or Sheets
Colour	Black, Grey ,White
Odour	-
pH Value	N/A
Relative Density	80 – 170kg/m <sup>2</sup> .
Melting Point/Range	N/A
Softening Point/Range	N/A
Viscosity	N/A
Boiling Point/Range	N/A
Vapour Pressure	N/A
Vapour Density	N/A
Evaporation Rate	N/A
Solubility in water	Insoluble
Volume Conductivity	Low, danger of static charges.
Safety Properties	-
Ignition Temperature	>300°C
Flash Point	>300°C
Dust Explosive Properties	Dust explosion is possible if material is ground into fine dust.

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### Section 10: Stability and Reactivity

Conditions to Avoid	
Dust Formation	Dust formation is unlikely to occur. During grinding of the blocks dust explosion danger can arise when small particles are formed.
Electrostatic Charging	Whenever small particles are transported, (pneumatic transport systems, ventilation systems, etc.) apply proper local grounding to prevent build up of static electricity.
Gas/Vapour Air Mixtures	N/A
Processing Temperatures	Do not exceed 100°C. Long term high temperatures (300°C) will cause degradation of the material with chances of ignition.
Long Term Exposure	No special precautions are necessary.
Materials To Avoid	N/A
Hazardous Decomposition Products	On thermal degradation (above 300°C) reaction products of Section 5 can be formed. Although highly dependant on temperature and environmental conditions, a variety of decomposition products may be present, ranging from simple hydrocarbons (e.g. Methane, Ethane, Propane) and alcohol's to toxic and/or irritating gases (e.g. Carbon Monoxide, Carbon Dioxides, Acids, Ketones, Aldehydes).
Changes In Physical Appearance	Degradation will occur only at extreme temperatures (above the decomposition temperature).

### Section 11: Toxicological Information

Acute toxicity	None Known
Local Effects	None Known
Chronic Short and Long Term Toxicity	None Known
Sensitisation	None Known
Specific Effects (carcinogenicity, mutagenicity, teratogenicity, narcosis)	No Known

### Section 12: Ecological Information

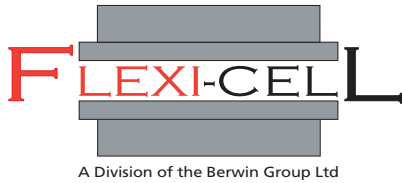
Mobility	No data available
Persistence / Degradability	Not biodegradable.
Bioaccumulation	No data available
Ecotoxicity	There is no sign that this material is a risk to the environment
Aquatic Toxicity	This material is insoluble in water.

### Section 13: Disposal Considerations

The disposal of this material presents no toxic or ecological hazard. It can be burnt under controlled conditions or be disposed of in landfills, or be recycled, all according to local legislation

### Section 14: Transport Information

UK Transport Information	Not Classified
ADR/RID – Class	Not Classified
IMDG – Class	Not Classified
IATA – Class	Not Classified



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**Section 15: Regulatory Information**

Labelling	No labelling required under EC-Directive 88/379/EEC 93/21 Annex VI
EEC Classification	Not a dangerous preparation
Note : Additional national legislation relevant to this matter may be in force.	

**Section 16: Other Information**

This data sheet was prepared in accordance with Directive <b>93/112/EC (91/155/EEC)</b> This material is not recommended for use in contact with foodstuffs.
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The information in this data sheet is strictly confidential and is supplied on the understanding that it will only be used in connection with matters relating to Health and Safety.

The information is given in good faith and is to the best of our knowledge true and accurate. However, since the conditions under which our products may be used are beyond our control, recommendations are made without warranty or guarantee. This statement does not affect the statutory rights of a customer.

Flexi-Cell (UK) Ltd does not give any guarantee that additional security measures may be required under particular or exceptional circumstances. It is the responsibility of the user to observe national or local safety regulations.

In no case can Flexi-Cell (UK) Ltd accept responsibility for a failure to observe such regulations.

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