

Gobi UFH System

March 2021 - Version 1

Section 1 - Chemical Product and company identification

Product Name -	HiDECK Structural
Use -	Acoustic and underfloor heating floor applications
Company -	Cellecta Limited , Bounty House, Medway Valley Park, Rochester, Kent, ME2 2NF
Email/Web Address -	technical@cellecta.co.uk www.cellecta.co.uk
Emergency Contact No. -	During office hours - 01634 296677. Outside of these please contact a medical professional.

Section 2 - Composition

Gypsum $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$
Fraction of cellulose fibres - $(\text{C}_6\text{H}_{10}\text{O}_5)_n$

Section 3 - Hazards Identification

Appearance -	High Density Gypsum Fibre board, off white in colour
Odour -	None
Inhalation -	Gypsum dust may irritate the respiratory system
Skin Contact -	Gypsum dust may irritate sensitive skin
Eye Contact -	Gypsum dust may irritate eyes

Cutting and sanding may generate excessive dust.

Section 4 - First aid measures

Inhalation -	Remove the person to fresh air, should symptoms persist, consult a medical professional
Skin Contact -	Wash skin with plenty of water, then wash with water and soap.
Eye Contact -	Immediately flush with plenty of water for at least 5 minutes. If irritation persists, consult a medical professional.
Ingestion -	Wash mouth out and drink plenty of water. Do not give laxatives or induce vomiting. Should symptoms persist consult a medical professional.

Section 5 - Fire fighting measures

Extinguishing Media -	All extinguishing media is suitable. Product is non-combustible
Fire Fighting Instructions -	In case of fire, minimal amounts of carbon dioxide and carbon monoxide are released. Wear suitable breathing apparatus and protective fire fighting clothing.
Advise for Firefighters -	N/A

Section 6 - Accidental Release Measures

Environmental Protection -	N/A
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Section 7 - Handling and Storage

Safe handling Advice -	Ensure that handling equipment is of suitable capacity and that all operatives are advised of handling procedures. Care should be taken to avoid strain to handlers.
Cutting -	HiDECK should be cut with a skill or hand saw in well ventilated areas. If using a skill saw, suitable dust extraction units and face mask should be used.
Max Storage Temp -	70°C
Storage Conditions -	HiDECK should be stored flat and in dry conditions and not outside.

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Section 8 - Exposure Controls/Personal Protection

Respiratory equipment -	Wearing suitable face mask is recommended when cutting HiDECK .
Hand Protection -	Gloves may be worn for comfort.
Eye Protection -	Use goggles or safety glasses when exposed to dust.
Skin Protection -	N/A
Hygiene Measures -	After contact, wash hands with lukewarm water and soap.

Section 9 - Physical and Chemical Properties

Appearance -	Solid flat sheet
Odour -	Odourless
Melting Point -	N/A
Ignition Point -	N/A
Density -	approx. 1.5g/cm ³
Solubility -	CaSO ₄ - 2H ₂ O - approx. 2 g/l Cellulose - insoluble
VOC -	After 3-7 days no VOC or SVOC present

Section 10 - Stability and Reactivity

Reactivity -	None
Chemical Stability -	N/A
Hazardous decomposition Products -	Carbon monoxide and carbon dioxide from thermal decomposition or incomplete combustion. None
Dangerous Reactions -	Moisture
Conditions to avoid -	

Section 11 - Toxicological Information

Irritant Effect -	HiDECK is non-toxic, however, dust can cause short term irritation to the respiratory system and eyes. No known long term effects.
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Section 12 - Ecological Information

Biodegradation -	HiDECK is not biodegradable.
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Section 13 - Disposal Considerations

Disposal -	Recycle, reuse or dispose according to local regulations.
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Section 14 - Transport Information

This product is not classified as hazardous for land, maritime and air transport

Section 15 - Regulatory Information

This product is not classified as hazardous.

Section 16 - Further Information

Supplementary information about this product can be supplied by Cellecta Ltd.

The information given is correct to the best of our knowledge at the time of publication but without guarantee of accuracy. It does not represent a guarantee of the properties of the product. We do not accept any responsibility for damage and claims arising from handling, transport, storage or disposal of the product. This data sheet applies to the product named above. If the product is used as parts of other products, information in the safety data sheet may be invalidated. No warranty is hereby expressed or implied.

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MATERIAL SAFETY DATA SHEET SOFTWOOD BATTEN

SPECIES:

Cedar of Lebanon	Siberian Larch	European Redwood (Red Deal)
Western Red Cedar	Canadian Yellow Pine	Sitka Spruce
Douglas Fir	Pitch Pine	Whitewood Carcassing
Hemlock	Southern Yellow Pine	

HEALTH HAZARD DATA:

1. Dust Inhalation:

No distinction is made regarding timber species as listed in Schedule 1 of the COSHH Regulations. Softwood dust is listed in Guidance Note EH40/89 Table 4 - 'Substance to be reviewed'. No maximum exposure limit or occupational exposure standard has been assigned yet, but a guidance of 5 mg/m³ has been set. Exposure should be kept as low as is reasonably practicable, pending review.

2. Eye contact:

Dust particles may cause irritation on contact.

3. Skin contact:

Dust particles or splinters that come into contact with or enter the skin may cause irritation.

4. Ingestion:

May be harmful if particles are swallowed.

The information on this Data Sheet represents our current data and best opinion as to the proper use in the handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other product or any other process, is the responsibility of the user.

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Section 1 - Chemical Product and company identification

Product Name -	XFLO JB/JB FF
Use -	Thermal Insulation
Company -	Cellecta Limited , Bounty House, Medway Valley Park, Rochester, Kent, ME2 2NF
Email/Web Address -	technical@cellecta.co.uk www.cellecta.co.uk
Emergency Contact No. -	During office hours - 01634 296677. Outside of these please contact a medical professional.

Section 2 - Composition/Information on Ingredients

Component	CAS #	EG #
Polystyrene	9003-53-6	500-008-9
Carbon dioxide (blowing agent)	00124-38-9	204-696-9
Isobutane (co-blowing agent)	00075-28-5	200-857-2
Brominated preparation with synergic (flame retardant)	1889-67-4	217-568-2
Solvent Dimethylether	115-10-6	204-065-8
Talcum	-	-
Colouring additive	-	-
Product labeled according to regulation CLP EC 1272/2008		

Section 3 - Hazards Identification

No particular hazards are known

Appearance -	Yellow, odorless foam board with closed cells
Emergency Overview -	To prevent ignition, avoid open fire, smoking and high temperatures. Grinding, sawing or other treatments, can produce dust particles which may under specific conditions form explosive dust atmospheres that can be ignited. Exposure to dust may be irritating to eyes, nose and throat.

Potential Health Effects

Inhalation -	Dust produced by grinding, Sawing or other treatments, may cause irritation of the nose, throat and respiratory tract.
Skin contact -	No effects expected.
Eye contact -	Dust produced by grinding, Sawing or other treatments, may cause irritation of the eyes.
Ingestion -	Ingestion of the product can cause gastrointestinal irritation and/or disturbances.
Notes to physician -	No specific antidote

Section 4 - First aid measures

Inhalation -	Move person to fresh air. If effects occur, consult a physician.
Skin Contact -	Wash skin with plenty of water.
Eye Contact -	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, consult a medical professional.
Ingestion -	Consult a medical professional. Do not give laxatives and don't induce vomiting.

Section 5 - Fire fighting measures

Flash Point -	320°C Flash ignition temperature according ASTM D1929 (B)
Extinguishing media -	Foam, water, carbon dioxide

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Section 5 - Fire fighting measures (continued)

Hazardous combustion products -

Under fire conditions, polymers decompose. The smoke may contain polymer fragments of varying compositions in addition to unidentified toxic or irritating compounds. Primary combustion products are Carbon Dioxide and Styrene.

Other Important flammability information -

When the product is stored in closed containers, a flammable atmosphere can develop.

Fire fighting instructions - Protective Equipment for fire fighters -

Keep people away. Isolate fire perimeter

Wear positive-pressure, self containing breathing apparatus and protective fire fighting clothes.

Section 6 - Accidental Release Measures

Protect people -

Clear non-emergency personnel from area. Use appropriate equipment.

Environmental protection -

Firewater may be toxic.

Clean up -

Pick up, sweep up dust and pieces. Depose in a suitable container.

Section 7 - Handling and Storage

Handling -

Prevent cumulation of dust. In order to prevent build-up of combustible vapours, do not store large quantities in an unventilated space.

Storage -

Flammable vapours may cumulate.

The storage should be ventilated.

Storage, use and handling areas should be non-smoking areas.

The material should never be exposed to a flame or other ignition sources.

Take the necessary measurements to prevent build-up of static electricity.

Section 8 - Exposure Controls/Personal Protection

Engineering controls -

Provide general and/or local exhaust ventilation to control airborne levels below exposure guidelines.

Personal protective equipment

Eye and face protection -

Use safety glasses

Skin protection -

Wear clean body-covering clothes.

Respiratory protection -

Provide general and/or local exhaust ventilation to control airborne levels below exposure guidelines.

Section 9 - Physical and Chemical Properties

Appearance -

Yellow foam board

Physical state -

Solid

Odor -

Odorless

Specific gravity -

30 - 40kg/m³

pH -

N/A

Solubility (water) -

Insoluble

Softening point -

104°C

Decomposition -

≥320°C (Flash point)

180°C (Physical/chemical degradation)

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Section 9 - Physical and Chemical Properties (continued)

Upper and lower explosion limits (Vol%):

UEL:	DME	26,2
LEL:	DME	3,3
UEL:	Isobutane	8,5
LEL:	Isobutane	1,8

Section 10 - Chemical Stability and Reactivity

Stability - Thermally stable in typical use conditions

Conditions to avoid - Max use temperature - 75°C
Avoid temperatures above 250°C
Avoid direct sunlight

Incompatibility with other materials -

Avoid contact with oxidizing materials, aldehydes, amines, esters, fuel and organic solvents.

**Acute and chronic toxicity -
Carcinogenicity -**

Dust from grinding, sawing, drilling may cause mechanical irritation of eyes and skin. There are no known chronic health effects connected with long term use of the product.

Section 12 - Ecological Information

Ecotoxicity -

There is a high probability that the product is not acutely harmful to aquatic organisms. Inhibition of degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. Toxicity to fish: LC 50 (96 h) >500 mg/l, *Leuciscus idus* (DIN 38412 Part 15)

Persistence and degradability - Experience shows this product to be inert and non-degradable. The product has not been tested. The statement has been derived from products of a similar structure and composition.

Bioaccumulation potential - The product will not be readily bioavailable due to its consistency and insolubility in water.

Section 13 - Disposal Considerations

All disposal methods should be in accordance with federal/or local regulations

Section 14 - Transport Information

Land transport -	ADR	Not classified as dangerous goods
	RID	Not classified as dangerous goods
Inland waterway transport -	ADNR	Not classified as dangerous goods
Sea transport -	IMDG	Not classified as dangerous goods
Air transport -	IATA	Not classified as dangerous goods

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Gobi UFH System

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Section 1 - Identification of the substance/preparation and the company

Product Name -	RUBBERfon Cradles - Rubber Pad
Use -	Acoustic cradle
Company -	Collecta Limited , Bounty House, Medway Valley Park, Rochester, Kent, ME2 2NF
Email/Web Address -	technical@collecta.co.uk www.collecta.co.uk
Emergency Contact No. -	During office hours - 01634 296677. Outside of these please contact a medical professional.

Section 2 - Hazards Identification

2.1 Substance or mixture classification

The product is classified as not dangerous under the rules of the Regulation (CE) 1272/2008 (CLP).

2.1 Regulation (CE) 1272/2008 (CLP) and subsequent amendments and adjustments.

Hazard classification and statement - N/A

2.2 Label elements

Hazard pictograms - N/A

Warnings - N/A

Hazard information - N/A

Safety advise - N/A

Based on the available data, the product does not contain PBT or vPvB substances in a percentage superior to 0.1%.

Section 3 - Composition/Information on ingredients

3.1 Substances

Information not relevant

3.2 Mixtures

Name REACH Registration No.	CAS No.	EINECS No.	Contents %	Hazard identification codes (classification complying with Regulation 1272/2008)	Conc. limit %
Elastomer/natural rubber	9006-04-6	208-915-9	≥ 40%	Not dangerous	-
SBR (co-polymer styrene-butadiene)	9003-55-8	9003-55-8	32-34%	Not dangerous	-
Carbon black (black smoke)	1333-34-9	215-609-9	ca. 20-25%	Not dangerous	-
Oiled sulphar	7704-34-9	231-722-6	ca. 1%	H317-H334	10
Silicates	14807-96-6 1332-58-7	238-877-9 310-194-1	ca. 0.5%	Not dangerous	-
Zinc oxide	1314-13-2	215-222-5	ca. 1%	H410	15

Note: Value superior to the range excluded.

The chemical additives, including antioxidants, stabilisers, antistatic on various formulations of the under product could be expressed for a total concentration inferior to 1% p/p.

Section 4 - First Aid Measures

4.1 Description of first aid measures

General

Not specifically necessary. In any case it s advisable to practice good hygiene.

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4.1 Description of first aid measures (continued)

After Inhalation

The inhalation of the dust during the product application can irritate the airway, in that case move the person away from the place of exposure and lead them to open air.

After Skin Contact

Not applicable

After Eye Contact

Not applicable

After Ingestion

Not applicable

4.2 Most important symptoms and effects, both acute and delayed

No effects known

4.3 Indication of any immediate medical attention and special treatment needed

Information not available

Section 5 - Fire Fighting Measures

5.1 Extinguishing Media

The extinguishing modes are the usual: CO₂, foam, nebulised powder and water.

5.2 Special hazards arising from the substance or mixture

Hazards due to exposure during fire

The fire will produce thick, black smoke.

The exposure to the decomposing products can be a health hazard.

Do not breath fumes and protect the eyes.

5.3 Advise for firefighters

General information

Cool down rolls with water jets to avoid the product decomposition and the development of substances dangerous for health. Always wear the complete fire protection equipment. Collect the extinguishing waters which must not be discharged in to the sewage. Discharge the contaminated water used for the extinction in accordance with current regulations

Equipment

Normal fire apparel such as compressed-air, self-contained, open-circuit breathing apparatus (EN137), fire apparel (EN469), fire gloves (EN659) and boots for Fire Fighters (HO A29 or A30).

Section 6 - Accidental Release Measure

6.1 Personal precautions, protective equipment and emergency procedures

Refer to all security measures provided in sections 7 and 8.

Remove all granules that have come free from the mat with a vacuum cleaner or sweep the floor.

6.2 Environmental precautions

Avoid the product entering to the sewages, if this happens inform the competent authorities.

6.3 Methods and materials for the containment and the decontamination

Collect the manufacturing residues. The contaminated material disposal must be done complying with provisions reported in section 13.

6.4 Reference to other sections

Other information concerning individual protection and disposal are reported in sections 8 and 13.

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Section 7 - Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

7.1 Precautions for safe handling

Do not eat or drink during application, keep away from sparks and naked flames.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry place. Indoor storage is advisable. Protect from rainfall.

7.3 Specific end use(s)

Information not available

Section 8 - Exposure Controls and Personal Protection

8.1 Control Parameters

Information not available.

8.2 Exposure Controls

Hand protection - Not required

Skin protection - Not required

Eye protection - Not required

Breathing protection - Not requested

Environmental exposure controls - Not requested

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical form	Solid
Colour	Black
Odour	Odourless - typical of the rubber
Ph	Not available
Freezing point	Not available
Point of initial boiling	Not available
Boiling point	Not available
Flash point	Not available
Vaporisation level	Not available
Solid and gas flammability	Not flammable
Lower flammability limit	Not available
Upper flammability limit	Not available
Lower explosion limit	Not available
Upper explosion limit	Not available
Steam tension	Not available
Steam density	Not available
Relative density	>1
Solubility	Not water soluble
Partition coefficient	Not available
Auto-ignition temperature	>250°
Decomposition temperature	>250°
Viscosity	Not available
Explosive properties	Not available
Oxidation properties	Not available

9.2 Other Information

No relevant information available

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Section 10 - Stability and reactivity

10.1 Reactivity

There are no particular reaction dangers with other substances during normal application conditions.

10.2 Chemical stability

The product is stable during normal application conditions and storage, keep away from open fire.

10.3 Possibility of hazardous reactions

During normal handling and storing conditions dangerous reactions are not to be expected.

10.4 Conditions to avoid

Contact with heat sources, with open fire.

10.5 Incompatible materials

Information not available.

10.6 Hazardous decomposition products

CO₂, carbon dioxide, black smoke, IPA.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

There are not known episodes of health damage due to the exposition to the product. In any case it is advisable to act respecting the good industrial hygiene regulations.

Section 12 - Ecological Information

12.1 Toxicity

Information not available

12.2 Persistency and degradability

Not degradable

12.3 Bio-accumulation potential

Information not available

12.4 Ground mobility

No relevant information is known

12.5 Results of the PBT and vPvB evaluation

Based on available data, the product does not contain PBT or vPvB substances superior to 0,1%.

12.6 Other adverse effects

Information not available

Section 13 - Disposal considerations

13.1 Waste treatment methods

Evaluate the possibility to recycle the product. The product waste is to be considered not dangerous special waste. The disposal must be delegated to a company authorised for the waste management, in accordance with the national or eventually local regulations.

Section 14 - Transport Information

14.1 ONU Number

not applicable

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14.2 ONU's expedition name
not applicable

14.3 Transport hazard class(es)
not applicable

14.4 Packaging group
not applicable

14.5 Environmental hazards
not applicable

14.6 Special precautions for user
not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Information not pertinent

Section 15 - Regulatory Information

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

Seveso category - None

Restrictions related to the product or contained substances according to the Annex XVII Regulation (CE) 1907/2006 - None

Substances in Candidate List (Art. 59 Reach) - None

Substances subjected to authorisation (Annex XIV REACH) - None

Substances subjected to export notification Reg. (CE) 649/2012 - None

Substances subjected to Rotterdam Convention - None

Substances subjected to Stockholm Convention - None

Sanitary controls - Information not available

15.2 Evaluation of chemical safety

A chemical safety evaluation for the mixture and its contained substances has not been established.

Section 16 - Other information

Glossary of terms

ADR:	European agreement for dangerous goods transportation on roads
CAS NUMBER:	Chemical Abstract Service number
CE50:	Concentration that gives effect to 50% of the population subjected to test.
CE NUMBER:	Identification number in ESIS (European existing substances database)
CLP:	CE Regulation 1272/2008
DNEL:	Derivative level without effect
EmS:	Emergency Schedule
GHS:	Global harmonised system for the classification and the labelling of chemical products
IATA DGR:	Regulation on dangerous goods of the International Air Transportation Authority
IC50:	Immobilisation concentration of 50% of the population subjected to test
IMDG:	International maritime code for dangerous goods transportation
IMO:	International Maritime Organization
INDEX NUMBER:	Identification number in the Annex VI of the CLP
LC50:	Lethal concentration 50%
LD50:	Lethal dose 50%
OEL:	Occupational exposition level.
PBT:	Persistent, bio-accumulating and toxic according to the REACH
PEC:	Predictable environmental concentration
PEL:	Predictable exposition level
PNEC:	Predictable no effect concentration
REACH:	CE Regulation 1907/2006
RID:	Regulation on international transportation of dangerous goods by rail
TLV:	Threshold limit value

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Glossary of terms (continued)

TLV CEILING:	Concentration that must not be exceeded during any moment of the working exposure.
TWA STEL	Short term exposure limit
TWA:	Weighted average exposure limit
VOC:	Volatile organic compound
vPvB:	Very persistent and very bio-accumulating according to the REACH
WGK:	Aquatic danger class (Germany).

Hazard statements mentioned in this Safety Data Sheet

H317 -	Can cause a skin allergy reaction.
H334 -	Can cause allergic or asthmatic symptoms or breathing problem if inhaled.
H410 -	Very toxic for aquatic organisms with long time effects.

General terms

1. Regulation (UE) 1907/2006 of European Parliament (REACH)
 2. Regulation (UE) 1272/2008 of European Parliament (CLP)
 3. Regulation (UE) 790/2009 of European Parliament (I Atp. CLP)
 4. Regulation (UE) 453/2010 of European Parliament
 5. Regulation (UE) 286/2011 of European Parliament (II Atp. CLP)
 6. Regulation (UE) 618/2012 of European Parliament (III Atp. CLP)
 7. Regulation (UE) 487/2013 of European Parliament (IV Atp. CLP)
 8. Regulation (UE) 944/2013 of European Parliament (V Atp. CLP)
 99. Regulation (UE) 605/2014 of European Parliament (VI Atp. CLP)
- The Merck Index. - 10th Edition
 - Handling Chemical Safety
 - INRS - Fiche Toxicologique (toxicological sheet)
 - Patty - Industrial Hygiene and Toxicology
 - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
 - Web site ECHA Agency

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substance/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substance/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substance/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet has been elaborated for use within the European Union, Switzerland, Iceland, Norway and Liechtenstein. It may be consulted in other countries, where local legislation with regards to the set-up of safety data sheets will take precedence. It is your obligation to verify and apply such local legislation. Use of this safety data sheet is subject to the license and liability limiting conditions as stated in your BIG license or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned/conditions for details.

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Gobi UFH System

March 2021 - Version 1

Section 1 - Identification of the substance/preparation and the company

Product Name -	RUBBERfon Cradles - plastic cradle (covers packers and elevation blocks)
Use -	Acoustic cradle
Company -	Collecta Limited , Bounty House, Medway Valley Park, Rochester, Kent, ME2 2NF
Email/Web Address -	technical@collecta.co.uk www.collecta.co.uk
Emergency Contact No. -	During office hours - 01634 296677. Outside of these please contact a medical professional.

Section 2 - General

Material status -	Commercial: Active
Availability -	UK & Europe
Features -	High Impact Resistance
Agency Ratings -	EC 1907/2006 (REACH)
RoHS Compliance -	Compliant

Section 3 - ASTM & ISO Properties¹

3.1 Physical

	Nominal Value	Unit	Test Method
Density -	1.04	g/cm ³	ISO 1183
Apparent (Bulk) Density -	0.60	g/cm ³	-
Melt Mass-Flow Rate (MFR) (200°C/5.0kg) -	12	g/10 min	ISO 1133
Molding Shrinkage -	0.40 to 0.70	%	-
Water Absorption (Equilibrium, 23°C, 50% RH) -	<0.10	%	ISO 62

3.2 Mechanical

	Nominal Value	Unit	Test Method
Tensile Stress (Yield) -	25.0	MPa	ISO 527-2
Tensile Stress (Break) -	20.0	MPa	ISO 527-2
Tensile Strain (Break) -	45	%	ISO 527-2
Flexural Modulus -	2100	MPa	ISO 178

3.3 Impact

	Nominal Value	Unit	Test Method
Notched Izod Impact Strength -	9.5	KJ/m ²	ISO 180/1A

3.4 Hardness

	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale) -	9.5	KJ/m ²	ISO 2039-2

3.5 Thermal

	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8MPa, Unannealed) -	68.0	°C	ISO 75-2/A
Heat Deflection Temperature (1.8MPa, Annealed) -	80.0	°C	ISO 75-2/A
Vicat Softening Temperature -	92.0	°C	ISO 306/A50
	83.0	°C	ISO 306/A50
CLTE - Flow	9.1E-5	cm/cm/°C	

3.5 Electrical

	Nominal Value	Unit	Test Method
Surface Resistivity -	>1.0E+14	ohms	IEC 60093
Electric Strength -	150	kV/mm	

Notes

¹Typical properties: these are not to be construed as specifications