

DECKfon Quattro 39 - Chipboard

October 2020 - Version 1

Section 1 - Chemical Product and company identification

Product Name -	Chipboard facing
Use -	Moisture resistant P5 chipboard for acoustic and thermal laminates
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

Harmful by inhalation (dust/formaldehyde). Effects of skin contact are not fully known and may vary.

Section 3 - Information on Ingredients

Wood -	82 - 84%
Solid resin -	8 - 10%
Water -	7%
Solid paraffin wax -	0.5%
Total extractable formaldehyde (CASNo. 50-00-0) -	0.008% max (emission class 1)
Silica -	<0.05%
Green dye -	0 - 0.01%

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 -	Irrigate with water, should symptoms persist, consult a medical profession
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 -	Water, CO ₂ . Dust from cutting and milling operations is an explosive hazard (see additional information). Thermal decomposition produces irritating and toxic gases including CO, aldehydes and organic acids.
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Section 6 - Accidental Release Measures

Environmental Protection -	Sweep or vacuum wood dust for recovery or disposal, avoid generation of dusty conditions. Provide good ventilation.
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Section 7 - Handling and Storage

Safe handling Advice -	Care should be taken during handling to protect hands from small splinters of wood. Follow good housekeeping practices; clean up areas where wood dust settles to avoid excessive accumulation of this combustible material. Avoid generation of explosive levels of wood dust in air.
Storage Conditions -	Store in a cool, dry and well ventilated area. Note: In poorly ventilated areas, particularly under moist and warm conditions, small traces of formaldehyde may be emitted.

Section 8 - Exposure Controls/Personal Protection

WEL Wood dusts -	8 hour WEL 5/mg/m ³
WEL Formaldehyde -	8 hour WEL 2 ppm (2.5mg/m ³ STEL 15 minute 2 ppm (2.5mg/m ³)
Respirator -	Approved respirator under dusty conditions recommended

Section 8 - Exposure Controls/Personal Protection

Ventilation -	Local exhaust - Due to explosive potential of wood dust when suspended in air, precautions should be taken to prevent sparks or other ignition sources in ventilation equipment. Use of totally enclosed motors is recommended
Gloves -	Recommended to reduce skin contact, except where moving machinery parts expose to hazards.
Eyes -	Safety glasses or goggles recommended

Section 9 - Physical and Chemical Properties

Appearance -	Straw to tan (may have a green surface or core)
Density -	560 - 720kg/m ³
Ignition Point -	100°C (ignition temperature of dust)

Section 10 - Stability and Reactivity

Conditions to avoid -	Thermal decomposition produces irritating and toxic gases including CO, aldehydes and organic acids. Avoid oxidising agents and drying oils. Keep away from sources of ignition.
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Section 11 - Toxicological Information

Irritant Effect -	Quantitative data on the toxicity of this product are not available. Chronic effects of skin contact with wood dust are not fully known.
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Section 12 - Ecological Information

Biodegradation -	Quantitative data on the ecological impact of this product are not available. Adverse effects on the environment cannot be excluded but unlikely when handled, stored, and disposed of appropriately.
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Section 13 - Disposal Considerations

Disposal -	The suppliers can recycle the product. Recycling is the preferred route. If recycling is not possible the material should be sent for energy recovery. Landfill is not advised but can be used as a last resort. It is however the user's responsibility to ensure waste is disposed of in accordance with all valid laws.
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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

Within the UK, the use of this material must be assessed under the Control of Substances Hazardous to Health (COSHH) regulations.

Section 16 - Further Information

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

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DECKfon Quattro 39 -FIBREfon 3

October 2020 - Version 1

Section 1 - Chemical Product and company identification

Product Name - FIBREfon 3
Use - Acoustic resilient layer
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

Needle punched and calandered non-woven, mix of white coarse polyester fibres and bonding bicomponent fibres with polyester core and co-polyester sheath.

Section 3 - Hazards Identification

Appearance - Polyester fleece, white in colour
General - Non-wovens do not present any danger in normal use.
Hazards - Product will partly melt and shrink away from flames. Smoke can give small amounts of acid

Section 4 - First aid measures

Inhalation - No specific risk
Skin Contact - No specific risk
Eye Contact - Flush with plenty of water for at least 5 minutes. If irritation persists, consult a medical professional.
Ingestion - 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 - Water, CO₂ or powder can be used - do not use water if fire is caused by an electrical short circuit.
Advise for Firefighters - Product will partly melt and shrink away from flames. Smoke can give small amounts of acid
Flash Point - Above 450°C
Auto ignition - Above 450°C

Section 6 - Accidental Release Measures

Environmental Protection - N/A

Section 7 - Handling and Storage

Packaging - Product is typically bonded to overlay board and is used as a composite panel
Max Storage Temp - 70°C
Storage Conditions - FIBREfon 3 should be stored in dry conditions and not outside.

Section 8 - Exposure Controls/Personal Protection

Respiratory equipment - No specific risk - wear a suitable face mask where appropriate.
Hand Protection - No specific risk - wear suitable gloves where appropriate.
Eye Protection - No specific risk - wear suitable safety glasses where appropriate.
Skin Protection - N/A
Hygiene Measures - After contact, wash hands with lukewarm water and soap.

Section 9 - Physical and Chemical Properties

Appearance -	Solid, textile batt
Odour -	Odourless
Melting Point -	Polyester 250°C, co-polyester 110°C
Density -	1350 to 1420kg/m ³ @ 25°C
Solubility -	Polyester fibre is soluble in concentrated sulphuric acid, o-dichloobenzol, m-cresol and tetrachlor-ethylene.

Section 10 - Stability and Reactivity

Reactivity -	None
Chemical Stability -	Polyester will be decomposed by strong oxidation agents as well as strong acids and caustics.
Dangerous Reactions -	None
Conditions to avoid -	Moisture

Section 11 - Toxicological Information

Irritant Effect -	These products present no danger in normal use and for which the product was intended.
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Section 12 - Ecological Information

Biodegradation -	N/A
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Section 13 - Disposal Considerations

Disposal -	Non-wovens are generally considered household waste and therefore should be disposed of 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 Cella Ltd.

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DECKfon Quattro 39 - MDF

October 2020 - Version 1

Section 1 - Chemical Product and company identification

Product Name -	MDF facing
Use -	Moisture resistant MDF for acoustic laminates
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

Physical Hazard -	This product is regarded as a non-hazardous material. The machining of the panel product will generate wood dust particles, i.e. sawing, sanding, etc., and this wood dust should be contained through a combination of vacuum and extraction cleaning equipment.
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Section 3 - Information on Ingredients

Mixed softwood	
Polymerised resin	
Paraffin wax	
Moisture	
Green dye	
Formaldehyde -	This product conforms to E1 formaldehyde levels as well as also complying with the lower levels required by CARB phase 2 (CARB Phase 2 compliant <0.11ppm).
Hazardous Ingredients -	None

Section 4 - First aid measures

Inhalation -	During the machining of this product i.e. sawing, sanding, etc., wood dust is generated. Move the exposed person to fresh air and get medical attention if adverse health effects persist or are severe. In the case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 24 hours.
Ingestion -	Wash out mouth with water. If material is swallowed and the exposed person is conscious, give small quantities of water to drink. Get medical attention if adverse health effects persist or are severe.
Eye Contact -	Immediately flush open eye(s) with tepid water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Skin Contact -	Wash contaminated skin with soap and water. Get medical attention if irritation occurs.
General -	During the machining of this product i.e. sawing, sanding, etc., dust is generated. Should adverse effects occur following inhalation of, ingestion of or eye contact with this dust, move the victim to a safe area as soon as possible. If unconscious, place in recovery position and seek medical advice. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Maintain open airway. Loosen tight clothing such as collar, tie, belt or waistband. Allow the victim to rest in a well ventilated area.
Protection for first-aiders -	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth to mouth resuscitation.

Section 5 - Fire fighting measures

Section 5.1 - Extinguishing media

Extinguishing Media -

Water, Dry Powder, Carbon Dioxide (CO₂) & Foam

Unsuitable Extinguishing Media -

None

Section 5.2 - Special hazards arising from the material

Hazards from the material -

No specific hazard

Hazardous thermal decomposition products -

Decomposition products may include the following: - Carbon Monoxide (CO), Carbon Dioxide (CO₂) and Nitrogenous gases may evolve during combustion.

Section 5.3 - Advice for firefighters

Special precautions for firefighters -

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for firefighters -

Fire-fighters should wear appropriate protective equipment including breathing apparatus equipment suitable for use in hazardous environments generated as a result of the thermal decomposition of the product.

Section 6 - Accidental Release Measures

Section 6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel -

Not applicable for the product in its solid sheet form

For emergency responders -

Not applicable for the product in its solid sheet form

Section 6.2 - Environmental precautions

Not applicable for the product in its solid sheet form

Section 6.3 - Methods for containment and cleaning up

Not applicable for the product in its solid sheet form. The machining of this solid sheet form will generate wood dust particles, i.e. sawing, sanding, etc., and this wood dust should be collected through a combination of vacuum and extraction cleaning equipment. The waste material should be recovered or disposed of in a safe manner.

Section 6.4 - Reference to other sections

See section 1 for emergency contact information

See section 8 for information on appropriate personal protection equipment

Section 7 - Handling and Storage

Section 7.1 - Precautions for safe handling

In solid sheet form the product may present a manual handling risk due to the physical dimensions and weight of the panel. Sound lifting practices and procedures, including the use of mechanical lifting equipment, should be adhered to at all times. The safe handling risk assessment should give full consideration to the wearing of safety footwear, gloves, helmet, face mask, etc.

Section 7.2 - Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash their hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

Section 7.3 - Conditions for safe storage

Store the product in a dry, well-ventilated area away from open flame or other ignition sources.

Specific end use(s) -

Recommendations: Not available

Industrial sector specific guidance: Not available

Section 8 - Exposure Controls/Personal Protection

Section 8.1 - Occupational exposure limit value:

Product/Ingredient name

Exposure Limit Value

Softwood Dust -

HSA - 2011 Code of practice for S H & W at Work Chemical Agents Regs 2001
OELV-8hr: 5mg/m³ (Sen)

Formaldehyde -

HSA - 2011 Code of practice for S H & W at Work Chemical Agents Regs 2001
OELV-8hr: 2ppm (2.5mg/m³)
OELV-15min: 2ppm (2.5mg/m³)

Section 8.2 - General recommended advice:

Medical supervision of all employees who handle or come in contact with respiratory sensitisers is recommended. Personnel with a history of asthma-type conditions or bronchitis conditions should not work with respiratory sensitisers. The Occupational Exposure Limits listed do not apply to previously sensitised individuals.

Exposure controls:

Appropriate engineering controls -

Provide exhaust ventilation or other engineering controls to keep airborne concentrations of dust/vapour below their respective occupational exposure limits.

Individual protection Measures:

Hygiene measures -

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash their hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

Eye protection -

Appropriate safety eye wear, complying with an approved standard should be used when a risk assessment indicates this is necessary in order to reduce the exposure risk.

Hand protection -

Appropriate gloves, complying with an approved standard should be used when a risk assessment indicated this is necessary in order to reduce the exposure risk.

Skin protection -

Appropriate footwear, safety helmet, overalls, etc., complying with the approved standard for protective device/clothing should be used when a risk assessment indicated this is necessary in order to reduce the exposure risk.

Respiratory protection -

The choice of the respiratory protection must take account of the known or anticipated exposure levels, the safe working limits of the selected respiratory protection device and work place risk assessments. The respiratory protection should comply with an approved standard and state the level of protection being offered. In case of inadequate ventilation wear respiratory protection.

Environmental protection -

Emissions from work place exhaust/ventilation systems, vacuum cleaning systems or process equipment should be monitored to ensure they comply with the requirements of environmental protection legislation. Additional downstream scrubber, filtering or engineering modifications to the process equipment may be necessary to achieve these acceptable levels.

Section 9 - Physical and Chemical Properties

Section 9.1 - Physical and chemical properties:

State -

Solid panel form

Odour -

None under ambient conditions

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Density (kg/m³) -	Density will vary according to product type. See product data sheet.
Flash point -	Not determined in solid panel state
Inflammability -	N/A in solid state
Explosive hazard -	N/A in solid state

Section 10 - Stability and Reactivity

Chemical stability -	This product is chemically stable under normal conditions of use
Conditions to avoid -	Store the product in a dry, well-ventilated area, away from flame or other sources of ignition.

Materials to avoid - Keep away from strong acids, bases and oxidising agents

Hazardous thermal decomposition products - Decomposition products may include the following: - Carbon Monoxide (CO), Carbon Dioxide (CO₂) and Nitrogenous gases may evolve during combustion.

Section 11 - Toxicological Information

Acute and Chronic toxicity - This product is a safe material in panel form

Section 12 - Ecological Information

Ecotoxicity -	Not available
Mobility -	Not determined
Persistence and degradability -	Not determined
Bioaccumulation potential -	Not determined
Results of PBT assessment -	Not applicable

Section 13 - Disposal Considerations

Disposal - This product is not considered a hazardous material. The generation of waste material should be avoided or minimized wherever possible. All waste material should be collected and stored in a safe manner prior to disposal. The disposal of the waste material should be in accordance with National and EU standards & regulations

Section 14 - Transport Information

Transport information - No labelling is required

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation - EU Regulations (EC) No. 1907/2006 (REACH), Annex XIV - List of substances subject to authorisation, Substance of very high concern: None of the substances are listed.

Symbol(s) -	None
R-Phrase(s) -	No risk phrases assigned to this product
S-Phrase(s) -	No risk phrases assigned to this produce

Section 16 - Further Information

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Odour -	Odourless
Melting Point -	Polyester 250°C, co-polyester 110°C
Density -	1350 to 1420kg/m ³ @ 25°C
Solubility -	Polyester fibre is soluble in concentrated sulphuric acid, o-dichloobenzol, m-cresol and tetrachlor-ethylene.

Section 10 - Stability and Reactivity

Reactivity -	None
Chemical Stability -	Polyester will be decomposed by strong oxidation agents as well as strong acids and caustics.
Dangerous Reactions -	None
Conditions to avoid -	Moisture

Section 11 - Toxicological Information

Irritant Effect -	These products present no danger in normal use and for which the product was intended.
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Section 12 - Ecological Information

Biodegradation -	N/A
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Section 13 - Disposal Considerations

Disposal -	Non-wovens are generally considered household waste and therefore should be disposed of according to local regulations.
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