

DECKfon Ultramat 15 - Polymeric facing

October 20 -
Ver. 1

Section 1 - Chemical Product and company identification

Product Name -	DECKfon Ultramat 15 - Facing only
Use -	Facing of acoustic overlay
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

Thernoplastic polymer compound. Contains no regulated constituents when assessed to current EU directives

Section 3 - Hazards Identification

Appearance -	Black rubberised facing for DECKfon Ultramat 15
General -	Under normal conditions of use the material will present no usual hazard.

Section 4 - First aid measures

Inhalation -	No specific risk in normal use. In a situation where material is thermally degrading move to fresh air and consult a medical professional.
Skin Contact -	No specific risk in normal use. On contact with molten material wash with copious amounts of cold water. Treat affected areas as thermal burns.
Eye Contact -	No specific risk in normal use. On contact with molten material wash immediately with copious amounts of cold water. Treat affected areas as thermal burns.
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, CO ₂ or powder can be used - do not use water if fire is caused by an electrical short circuit. Water sprays are effective but water jets (hoses) are not recommended at early stages to prevent flame propagation.
Advise for Firefighters -	Gasses produced when burning are toxic, those present are Carbon Monoxide (CO), Hydrogen Chloride (HCL) and Carbon Dioxide (CO ₂). Decomposition caused by combustion will also produce small levels of unspecified aldehydes and hydrocarbons. Material may drip flaming droplets when molten.
Equipment for fire fighters -	Self-contained breathing apparatus should be worn.

Section 6 - Accidental Release Measures

Environmental Protection -	Not applicable under normal conditions, avoid skin contact with hot product.
Environmental Precautions -	Not applicable under normal conditions.

Section 7 - Handling and Storage

Storage Conditions -	Product should be stored in dry conditions, not outside and away from heat sources (ie. match, cigarette, open fire, electric heater).
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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 -	No specific risk
Hygiene Measures -	After contact, wash hands with lukewarm water and soap.

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Section 9 - Physical and Chemical Properties

Appearance -	Flexible sheet, usually bonded to DECKfon foam (both or one side)
Colour -	Black
Odour -	Vinyl odour
Flash Point -	$\geq 200^{\circ}\text{C}$ (plasticiser component)
Density -	2.5gcm^{-3}
Solubility -	insoluble in water
Melting Point -	Material will begin to soften slightly above 60°C
Flammability -	Not easily flammable, however, will contribute to overall fire under an intense fire situation

Section 10 - Stability and Reactivity

Stability -	Under normal storage conditions, the material will be stable.
Reactivity -	The material should not react with other materials unless these are highly reactive themselves.
Hazardous decomposition -	Under normal storage conditions material is stable and unreactive. Under elevated temperatures up to combustion, thermal decomposition will yield Carbon Monoxide, Carbon Dioxide and Hydrogen Chloride.

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 -	These products present no danger in normal use and for which the product was intended.
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Section 13 - Disposal Considerations

Disposal -	If recycling is not possible, scrap or post consumer waste can be disposed of at local landfill sites or by incineration under controlled conditions, all disposal should be in accordance with 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.

DECKfon Foam

October 20 -
Ver. 1

Section 1 - Chemical Product and company identification

Product Name -	DECKfon Foam
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

Polyurethane polymer & PU off cuts

Section 3 - Hazards Identification

Appearance -	Open cellular flexible bonded foam
General -	Rebonded polyurethane foams do not present any danger in normal use.
Chemical description -	Poly-addition materials of isocyanates, Polyether polyols and water react in an exothermic reaction to form cellular bonded foam.

Section 4 - First aid measures

Inhalation -	No specific risk in normal use. Chronic inhalation of PU dust can cause infection of the lungs, fibrosis and airway obstruction.
Skin Contact -	No specific risk in normal use.
Eye Contact -	Dust particles can cause mechanical irritation. 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, CO ₂ 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. Fire fighters should use self-contained breathing apparatus.
Fire Hazard -	The product is combustible material. The product is flammable and causes, when burning, intense heat and dense smoke.
Auto ignition -	Above 200°C
Melting Point -	The product can, when heated, also melt and flammable decomposition products can be generated. In a fire, decomposition products like carbon monoxide, carbon dioxide, gaseous hydrocarbons and nitrogen containing products can be generated in various concentrations depending on combustion conditions.

Section 6 - Accidental Release Measures

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

Packaging -	Product is either bonded to an overlay board or supplied on pallets wrapped in polyethylene.
Max Storage Temp -	70°C
Storage Conditions -	DECKfon foam should be stored in dry conditions, not outside and away from heat sources (ie. match, cigarette, open fire, electric heater). UV rays may cause surface discolouration. This does not effect the foam qualities.
Protective Clothing -	Not required
Ventilation -	Provided there is adequate general ventilation, no special precautions are necessary for most handling and cutting operations.

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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, voluminous material
Colour -	Various, but grey in appearance
Odour -	Odourless
Flash Point -	400°C
Density -	80 to 250kg/m ³
Solubility -	Insoluble

Section 10 - Stability and Reactivity

Stability -	The product is stable at temperature between 40°C and 80°C
Reactivity -	Resistant to oil, light & solvents

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 -	DECKfon foam degrades slowly. Decomposition products are not harmful to the environment.
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Section 13 - Disposal Considerations

Disposal -	If recycling is not possible, scrap or post consumer waste can be disposed of at local landfill sites or by incineration under controlled conditions, all disposal should be in accordance with local regulations.
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Section 14 - Transport Information

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

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