

## ANNEX

**SPECIFIC SAFETY REQUIREMENTS FOR COT MATTRESSES**

**RISKS:** The main risks associated with the product are entrapment and flammability.

**Safety requirements****1. General safety requirements**

Articles shall not jeopardise the safety or health of children and carers when they are used as intended or in a foreseeable way, bearing in mind the behaviour of children. The ability of the users and their carers shall be taken into account, in particular for articles which, by virtue of their functions, dimensions and characteristics, are intended for use by children under five years. Labels on articles or on their packaging and accompanying instructions for use shall draw the attention of carers to the hazards and risks posed by using the articles and to the way of avoiding them.

**2. Specific safety requirements***Chemical requirements*

Cot mattresses shall comply with EU legislation.

*Fire and thermal properties*

Cot mattresses shall not constitute a dangerous flammable object in the child's environment. Therefore they must be composed of materials which fulfil at least one of the following conditions:

- they do not burn if directly exposed to a flame or spark,
- if they do ignite, they shall burn slowly with a low rate of spread of the flame.

In addition, combustible materials shall not release toxic fumes during combustion.

The use of chemical flame retardant substances should be kept to the minimum. If chemical flame retardant substances are used, their toxicity during use and end-of-life disposal should not endanger the health of the users, carers and the environment.

*Physical and mechanical properties**Entrapment hazards from gaps and openings*

To prevent entrapment of the torso, head and neck in the bed base, cot mattresses shall completely cover the bed base and withstand stress induced by the child by standing on the mattress or walking in the cot.

The child should not be able to lift the parts of the foldable mattress, which could give him/her access to the bed base and thus increase the risk of entrapment.

Articles shall be designed and manufactured as far as possible in order to prevent entrapment of limbs, feet and hands in spaces between the mattress and the sides of the cot.

To prevent asphyxia of the child whose head or torso is entrapped between the mattress and the sides of the cot, the space between the mattress and the sides of the cot must be limited, taking into account the most onerous position of the mattress on the cot base.

*Entanglement hazards*

The length of cords, ribbons and parts used as ties and the size of the loops must be limited to prevent the risk of entanglement.

*External suffocation hazards*

Cot mattresses shall not comprise plastic decals which can be detached by the child or other impermeable layers of the mattress which can cover both the mouth and the nose.

The packaging in which the articles are contained must not constitute a risk of suffocation caused by airway obstruction.

To prevent the risk of suffocation, the product shall not comprise a soft mattress filling which could mould to the child's face or produce indentations which could obstruct the airways.

*Choking and internal suffocation hazards*

Cot mattresses shall not contain separate or small parts which can be detached by the child, fit completely into a child's mouth and swallowed.

Cot mattresses shall not contain small parts which can be detached by the child and which can remain stuck in the pharynx or at the back of the oral cavity. The filling material shall not be accessible, especially by biting off and shall withstand stress from foreseeable use by the child, taking into account the possibility of fibres passing through the seams and the strength of the seams.

*Hazardous edges*

Cot mattresses shall not have sharp edges or points. Springs wires shall not have hazardous points and shall not protrude through the surface of the mattress.

*Structural integrity*

The material of the mattress shall have physical properties such that the mattress does not constitute an entrapment hazard. There shall be no permanent deformation of the filling resulting in a loose cover.

*Specific warnings for the article*

Warnings and instructions for use shall indicate to the carers the thickness of the mattress to prevent falling from the cot, and the appropriate size (length and width) for it to fit in the cot and avoid entrapment.

To prevent suffocation, instructions shall draw the attention of carers to the dangers posed by piling up two or more mattresses to improve the comfort of the child.

Warnings against possible scenarios that could cause a fire (e.g. smoking in proximity of the cot) should be included.

*Hygiene*

Cot mattresses should be designed in such a way as to meet hygiene and cleanliness requirements to avoid the risk of infection or contamination.

**SPECIFIC SAFETY REQUIREMENTS FOR COT BUMPERS**

**RISKS:** The main risks associated with the product are strangulation, internal and external suffocation and choking.

**Safety requirements**

**1. General safety requirements**

Articles shall not jeopardise the safety or health of children when they are used as intended or in a foreseeable way, bearing in mind the behaviour of children.

The ability of the users and their carers shall be taken into account, in particular for articles which, by virtue of their functions, dimensions and characteristics, are intended for use by children from six up to 18 months.

Labels on articles or on their packaging and the instructions for use which accompany them shall draw the attention of carers to the inherent hazards and risks of harm involved in using the articles and to the way of avoiding them.

## **2. Specific safety requirements**

### *Chemical requirements*

Cot bumpers shall comply with EU legislation.

#### *Fire and thermal properties*

Cot bumpers shall not pose flammability risks in the child's environment. They shall be composed of materials which fulfil at least one of the following conditions:

- they do not burn if directly exposed to a flame or spark,
- if they do ignite, they shall burn slowly with a low rate of spread of the flame.

In addition, combustible materials shall not release toxic fumes during combustion.

The use of chemical flame retardant substances should be kept to the minimum. If chemical flame retardant substances are used, their toxicity during use and end-of-life disposal should not endanger the health of the users, carers and the environment.

#### *Physical and mechanical properties*

##### *Microbiological hazards*

Cot bumpers shall not pose microbiological hazards from insufficient hygiene from material of animal origin.

##### *Entrapment hazards from gaps and openings*

Cot bumpers shall not constitute a risk of entrapment of the head and neck of the child in loops or cords or other attachment devices. Stitching and decorative parts on the bumper shall not become loose when submitted to mechanical stress from foreseeable use by children so as not to pose an additional risk of entrapment of limbs, head and fingers or make the filling accessible (see choking hazards).

##### *Entanglement hazards*

There shall be no cords or loops on the cot bumpers that could entangle a child's neck. Loops where a child's fingers or toes could be trapped should be avoided.

##### *Choking and internal suffocation hazards*

Cot bumpers shall not contain separate or small parts which can be detached by the child, fit completely into a child's mouth and swallowed.

Cot bumpers shall not contain small parts which can be detached by the child and can remain stuck in the pharynx or at the back of the oral cavity. The filling material shall not be accessible, especially by biting off, and shall withstand stress from foreseeable use by the child, taking into account the possibility of fibres passing through the seams and the strength of the seams. The filling material shall not contain any hard or sharp contaminants, such as metal particles, nails, needles or splinters.

##### *External suffocation hazards*

The product shall not comprise plastic decals which could be detached by the child or other impermeable coverings of the cot bumper which could cover both the mouth and the nose.

The packaging in which the articles are contained shall not constitute a risk of suffocation due to obstruction of the external airways.

To prevent suffocation, the product shall not comprise soft materials which could mould to the child's face or produce indentations which could obstruct the airways.

### *Hazardous edges*

Cot bumpers shall not have sharp edges and points. They shall not comprise points or protruding surfaces that could constitute a puncture hazard.

### *Protective function*

Cot bumpers shall be designed and manufactured in such a way as to avoid the presence of parts likely to be used as footholds enabling children to climb on the product.

### *Hazards due to the combination of two separate items*

Cot bumpers shall not pose an additional entrapment or asphyxiation hazard if the child manages to put his/her head between the cot bumper and the side of the cot.

### *Specific warnings for the article*

Adequate information shall be given for the correct fitting of the cot bumper to the side of the cot. The warning shall indicate that the cot bumper shall be fitted correctly so that the attachment device shall not comprise cords and loops that could entrap the head and neck of the child. Warnings shall draw the attention of carers to the risks posed by cot bumpers which are not compatible (due to the size or model) with the cot and by cot bumpers which are not correctly attached to the cot.

### *Hygiene*

Cot bumpers shall be designed and manufactured in such a way as to be easily and thoroughly cleaned, to avoid the risk of infection or contamination. The product shall fulfil this condition also after washing according to the manufacturer's instructions and should not stain when in contact with the child.

## **SPECIFIC SAFETY REQUIREMENTS FOR SUSPENDED BABY BEDS**

**RISKS:** The main risks associated with the product are entrapment, suffocation and injury due to structural failure and instability.

### **Safety requirements**

#### **1. General safety requirements**

Articles shall not jeopardise the safety or health of children when used as intended or in a foreseeable way, bearing in mind the behaviour of children.

The ability of the users and their carers shall be taken into account, in particular for articles which, by virtue of their functions, dimensions and characteristics, are intended for use by children below 12 months.

Labels on articles or on their packaging and the instructions for use which accompany them shall draw the attention of carers to the inherent hazards and risks of harm involved in using the articles and to the way of avoiding them.

#### **2. Specific safety requirements**

##### *Chemical requirements*

Suspended baby beds shall comply with EU legislation.

##### *Fire and thermal properties*

Suspended baby beds shall not pose flammability risks in the child's environment. They shall be composed of materials which fulfil at least one of the following conditions:

- they do not burn if directly exposed to a flame or spark,
- if they do ignite, they shall burn slowly with a low rate of spread of the flame,
- if they do ignite, they shall burn slowly and shall not produce flaming debris or melting drops.

In addition, combustible materials shall not release toxic fumes during combustion.

The use of chemical flame retardant substances should be kept to the minimum. If chemical flame retardant substances are used, their toxicity during use and end-of-life disposal should not endanger the health of the users, carers and the environment.

*Physical and mechanical properties*

*Entrapment hazards from gaps and openings*

Suspended baby beds shall be designed and manufactured in order to prevent any entrapment of the child's head, fingers, limbs, hands and feet in all type of openings.

*Hazards from moving parts*

Suspended beds shall be designed to prevent impacts of the child in the bed against the frame or other furniture in the room due to sideway movement.

Suspended beds shall be designed to limit rotation of the bed, for instance when twisted.

Suspended beds shall not constitute a hazard (e.g. entrapment) to other children (e.g. siblings) who may come in contact with the bed.

*Falling hazards*

The stand and the bed shall be sufficiently stable to prevent accidental tipping over of the suspended bed which could cause the child to fall. Baby beds should remain stable when the child moves in the bed or when the bed swings along the amplitude permitted by the suspension device.

The attachment device shall not become detached from the supporting beam or similar device.

The suspension device including its components shall withstand the movement of the child during use.

*Entanglement hazards*

There shall be no cords or ribbons in the suspended baby bed that could entangle the child's neck. The child in the suspended bed shall not be susceptible to becoming entangled in cords and straps from the suspension device and the adjustment device.

*Choking and internal suffocation hazards*

Suspended beds shall not contain separate or small parts which can be detached by the child, fit completely into a child's mouth and swallowed.

Suspended beds shall not contain small parts which can be detached by the child and can remain stuck in the pharynx or at the back of the oral cavity. The filling material shall not be accessible and shall withstand stress from foreseeable use by the child (including biting off).

*External suffocation hazards*

The product shall not comprise plastic decals which could be detached by the child and other impermeable coverings which can cover both the mouth and the nose.

The packaging in which the articles are contained shall not constitute a risk of suffocation caused by obstruction of the external airways. To prevent the risk of suffocation, the product shall not comprise soft materials which can mould to the child's face or produce indentations which could obstruct the airways.

*Hazardous edges*

Suspended beds shall not have sharp edges and points. Accessible edges and corners shall be rounded and chamfered.

The product shall not comprise protruding parts on which a child could fall and be injured.

The product shall not comprise points or protruding surfaces that can constitute a puncture hazard.

*Structural integrity*

Deformation of the suspension device and slipping in the adjustment device shall be limited to prevent falls or impacts from the bed.

Stitching and decorative parts on the suspended baby bed shall not become loose when submitted to mechanical stress from foreseeable use by children and pose a risk of entrapment of limbs, head and fingers.

Movement of the child's body weight shall not create gaps or modify existing gaps leading to entrapment of the fingers, hands and feet.

To prevent collapse of the suspended baby bed and breaking of components (from stands, attachment device or suspension device) likely to cause physical injury, suspended beds shall withstand the mechanical stress to which they are subject during use for the lifetime of the product.

*Specific warnings for the article*

Warnings and instructions for use shall draw the attention of carers to the fact that mounting and adjusting the bed safely requires skill. Warnings should also convey the following messages:

- the child may get injured if the amplitude of the swing is excessive (e.g. the child may hit the bed frame, or the bed may hit other furniture),
- suspended beds may pose risks to other children,
- other children may pose additional risks (e.g. by trying to bend over the bed),
- suspended beds should be installed on flat surfaces,
- the use of suspended beds as night-time beds should be discouraged,
- suspended beds should not be used when the child is able to kneel or sit up unaided. The age group suitable for this product (not beyond 12 months) should be clearly indicated.

*Hygiene*

Suspended beds shall be designed and manufactured in such a way as to be easily and thoroughly cleaned to avoid the risk of infection or contamination.

**SPECIFIC SAFETY REQUIREMENTS FOR DUVETS FOR CHILDREN**

**RISKS:** The main risks associated with the product are suffocation and hyperthermia, frequently associated with Sudden Infant Death Syndrome.

**Safety requirements**

**1. General safety requirements**

Articles shall not jeopardise the safety or health of children when they are used as intended or in a foreseeable way, bearing in mind the behaviour of children.

Labels on articles or on their packaging and the instructions for use which accompany them shall draw the attention of carers to the inherent hazards and risks of harm involved in using the articles and to the way of avoiding them.

**2. Specific safety requirements**

*Chemical requirements*

Duvets for children shall comply with EU legislation.

*Fire and thermal properties*

Children's duvets shall not pose flammability risks in the child's environment.

They shall be composed of materials which fulfil at least one of the following conditions:

- they do not burn if directly exposed to a flame or spark,
- if they do ignite, they shall burn slowly with a low rate of spread of the flame.

In addition, combustible materials shall not release toxic fumes during combustion.

The use of chemical flame retardant substances should be kept to the minimum. If chemical flame retardant substances are used, their toxicity during use and end-of-life disposal should not endanger the health of the users, carers and the environment.

*Hyperthermia hazard*

Warnings and instructions shall draw carers' attention to the temperature in the room where the product is used, to prevent hyperthermia.

*Physical and mechanical properties*

*Microbiological hazards*

Children's duvets shall not pose microbiological hazards from insufficient hygiene from material of animal origin.

*Entrapment hazards from gaps and openings*

Stitching and decorative parts on duvets shall not become loose when subject to mechanical stress from foreseeable use and thus pose a risk of entrapment (especially of fingers).

*Entanglement hazards*

Duvets for children shall not comprise cords or loops that could entangle the child's neck.

*Choking and internal suffocation hazards*

Duvets for children shall not contain separate or small parts which can be detached by the child, fit completely into a child's mouth and swallowed. Duvets for children shall not contain small parts which can be detached by the child and can remain stuck in the pharynx or at the back of the oral cavity. The filling material shall not be accessible, and shall not contain any hard or sharp contaminants, such as metal particles, nails, needles or splinters. The filling shall also withstand stress from foreseeable use by the child (including biting off), taking into account the possibility of fibres passing through the seams and the strength of the seams.

*External suffocation hazards*

Duvets for children shall not comprise plastic decals which could be detached by the child and other impermeable coverings which can cover both the mouth and the nose.

The packaging in which the product is contained shall not constitute a risk of suffocation caused by obstruction of the external airways.

The baby shall be able to breathe and get sufficient airflow when the duvet covers his/her face while sleeping.

*Specific warnings for the article*

Warnings and instructions for use shall draw carers' attention to the serious risks of suffocation if duvets are used with children under four months.

The minimum age recommended for use is nine months.

Information concerning the size of the cot in which the duvet is to be used shall also be provided.

Warnings about the room temperature shall also be provided (see hyper thermal hazards).

*Hygiene*

Duvets for children shall be designed and manufactured in such a way as to be easily and thoroughly cleaned to avoid the risk of infection or contamination. The product shall fulfil this condition also after washing according to the manufacturer's instructions and should not stain when in contact with the child.

### **SPECIFIC SAFETY REQUIREMENTS FOR CHILDREN'S SLEEP BAGS**

**RISKS:** The main risk associated with the product is choking on small parts and entrapment inside the bag

#### **Safety requirements**

##### **1. General safety requirements**

Articles shall not jeopardise the safety or health of children when they are used as intended or in a foreseeable way, bearing in mind the behaviour of children.

Labels on articles or on their packaging and accompanying instructions for use shall draw the attention of carers to the inherent hazards and risks of harm involved in using the articles and to the way of avoiding them.

##### **2. Specific safety requirements**

###### *Chemical requirements*

Children's sleep bags shall comply with EU legislation.

###### *Fire and thermal properties*

Children's sleep bags shall not pose flammability risks to the child environment.

They shall be composed of materials which fulfil at least one of the following conditions:

- they do not burn if directly exposed to a flame or spark,
- if they do ignite, they shall burn slowly with a low rate of spread of the flame.

In addition combustible materials shall not release toxic fumes during combustion.

The use of chemical flame retardant substances should be kept to the minimum. If chemical flame retardant substances are used, their toxicity during use and end-of-life disposal should not endanger the health of the users, carers and the environment.

###### *Hyperthermia hazard*

Warnings and instructions shall draw carers' attention to the temperature in the room where the product is used, to prevent hyperthermia.

###### *Physical and mechanical properties*

###### *Entrapment hazards from gaps and openings*

Stitching and decorative parts on the sleeping bag shall not become loose when subject to mechanical stress from foreseeable use and thus pose a risk of entrapment (especially of fingers). Also the size of the neck and arms openings should prevent the child slipping down into the bag.

###### *Structural integrity*

Fastenings shall be secure to prevent the child slipping down into the bag. Seams and fastenings shall remain stable after washing according to the manufacturers' instructions.

###### *Entanglement hazards*

There shall be no cords or loops on the sleeping bags that could entangle the child's neck.

###### *Choking and internal suffocation hazards*

Children's sleep bags shall not contain separate or small parts which can be detached by the child, fit completely into a child's mouth and swallowed. Sleeping bags shall not contain small

parts which can be detached by the child and can remain stuck in the pharynx or at the back of the oral cavity. The filling material shall not be accessible and shall withstand stress from foreseeable use by the child (including biting off), taking into account the possibility of fibres passing through the seams and the strength of the seams.

*External suffocation hazards*

Children's sleep bags shall not comprise plastic decals which could be detached by the child or other impermeable coverings or fabrics which can cover both the mouth and the nose.

The packaging in which the product is contained shall not constitute a risk of suffocation caused by obstruction of the external airways.

The baby shall be able to breathe if the sleeping bag covers his/her face while sleeping.

*Hazardous edges*

Children's sleep bags shall not have sharp edges and points.

*Specific warnings for the article*

Warnings and instructions shall instruct carers to choose the sleeping bag recommended for the age and height of the child.

Warnings about the room temperature shall also be provided (see hyper thermal hazards).

*Hygiene*

Children's sleep bags shall be designed and manufactured in such a way as to be easily and thoroughly cleaned to avoid the risk of infection or contamination. The product shall fulfil this condition also after washing according to the manufacturer's instructions and should not stain when in contact with the child.