



**EN 71-1:2014+A1:2018**

**SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES**

**SAMBA 10' x 6' HOCKEY GOAL (CODE: G13)**

CLIENT	Samba Sports
CLIENT ADDRESS	Walton Street Colne Lancashire BB8 0EN
CLIENT CONTACT	Jeff Tipler (Sales Manager)

REPORT NUMBER	LSUK.19-0159E	
REVISION NUMBER & DATE	1.0	18/03/2019
REPORTED BY		David Rigby Laboratory Manager
APPROVED BY		Professor David James Managing Director

SUMMARY OF REPORT / FINDINGS	<p>In accordance with EN 71-1:2014+A1:2018, mechanical and physical tests have been carried out on test specimen(s) of a goal used in the play sector.</p> <p>The test specimen(s) submitted met the requirements of EN 71-1:2014+A1:2018 when tested under laboratory conditions on the 14/03/2019.</p>
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SCOPE OF TESTING / PROJECT	<p>EN 71-1 specifies requirements and methods of tests for mechanical and physical properties of toys.</p> <p>EN 71-1 applies to toys for children, toys being any product or material designed or intended, whether or not exclusively, for use in play by children of less than 14 years. It refers to new toys taking into account the period of foreseeable and normal use, and that the toys are used as intended or in a foreseeable way, bearing in mind the behaviour of children.</p> <p>It includes specific requirements for toys intended for children under 36 months, children under 18 months and for children who are too young to sit up unaided. According to Directive 2009/48/EC “intended for use by” means that a parent or supervisor shall reasonably be able to assume by virtue of the functions, dimensions and characteristics of a toy that it is intended for use by children of the stated age group. Therefore, for the purpose of EN 71-1, e.g. soft-filled toys with simple features intended for holding and cuddling are considered as toys intended for children under 36 months.</p>
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TEST PROCEDURE / STANDARDS	<p>EN 71-1:2014+A1:2018 – Safety of toys – Part 1: Mechanical and physical properties</p> <p>EN ISO/IEC 17025 – General requirements for the competence of testing and calibration laboratories</p> <p>For dated references, only the edition cited applies. For undated references, the latest edition at the date of test of the referenced document (including any amendments) applies.</p>
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PRODUCT (DETAILS / DESCRIPTION)	<p>Goal referred to as “Samba Hockey 10’ x 6”” with a product identification code of G13.</p>
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TEST RESULTS		MECHANICAL AND PHYSICAL PROPERTIES		
<b>Samba Hockey 10' x 6' Goal (G13)</b>				
Clause				Pass / Fail
4	General requirements	4.1	Material cleanliness	Pass
		4.2	Assembly	Pass
		4.3	Flexible plastic sheeting	N/A
		4.4	Toy bags	N/A
		4.5	Glass	N/A
		4.6	Expanding materials	N/A
		4.7	Edges	Pass
		4.8	Points and metallic wires	Pass
		4.9	Protruding parts	N/A
		4.10	Parts moving against each other	N/A
		4.11	Mouth-actuated toys and other toys intended to be put in the mouth	N/A
		4.12	Balloons	N/A
		4.13	Cords of toy kites and other flying toys	N/A
		4.14	Enclosures	N/A
		4.15	Toys intended to bear the mass of a child	N/A
		4.16	Heavy immobile toys	Pass
		4.17	Projectile toys	N/A
		4.18	Aquatic toys and inflatable toys	N/A
		4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	N/A

Clause			Pass / Fail	
4	General requirements	4.20	Acoustics	N/A
		4.21	Toys containing a non-electrical heat source	N/A
		4.22	Small balls	N/A
		4.23	Magnets	N/A
		4.24	Yo-yo balls	N/A
		4.25	Toys attached to food	N/A
		4.26	Toy disguise costumes	N/A
		4.27	Flying toys	N/A
5	Toys intended for children under 36 months	5.1	General requirements	N/A
		5.2	Soft-filled toys and soft filled parts of a toy	N/A
		5.3	Plastic sheeting	N/A
		5.4	Cords, chains and electrical cables in toys	N/A
		5.5	Liquid-filled toys	N/A
		5.6	Speed limitations of electrically-driven ride-on toys	N/A
		5.7	Glass and porcelain	N/A
		5.8	Shape and size of certain toys	N/A
		5.9	Toys comprising monofilament fibres	N/A
		5.10	Small balls	N/A
		5.11	Play figures	N/A
		5.12	Hemispheric-shaped toys	N/A
		5.13	Suction cups	N/A
		5.14	Straps intended to be worn fully or partially around the neck	N/A

Clause				Pass / Fail
5	Toys intended for children under 36 months	5.15	Sledges with cords for pulling	N/A
6	Packaging			Pass
7	Warnings, markings and instructions for use	7.1	General	Pass
		7.2	Toys not intended for children under 36 months	Pass
		7.3	Latex balloons	N/A
		7.4	Aquatic toys	N/A
		7.5	Functional toys	N/A
		7.6	Hazardous sharp functional edges and points	N/A
		7.7	Projectile toys	N/A
		7.8	Imitation protective masks and helmets	N/A
		7.9	Toy kites	N/A
		7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	N/A
		7.11	Toys intended to be strung across a cradle, cot or perambulator	N/A
		7.12	Liquid-filled teethingers	N/A
		7.13	Percussion caps specifically designed for use in toys	N/A
		7.14	Acoustics	N/A
7.15	Toy bicycles	N/A		
7.16	Toys intended to bear the mass of a child	N/A		
7.17	Toys comprising monofilament fibres	N/A		
7.18	Toy scooters	N/A		
7.19	Rocking horses and similar toys	N/A		

Clause			Pass / Fail	
7	Warnings, markings and instructions for use	7.20	Magnetic / electrical experimental sets	N/A
		7.21	Toys with electrical cables exceeding 300mm in length	N/A
		7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	N/A
		7.23	Toys intended to be attached to a cradle, cot or perambulator	N/A
		7.24	Sledges with cords for pulling	N/A
		7.25	Flying toys	N/A
		7.26	Improvised projectiles	N/A

DISCUSSION	<p>EN 71-1 aims at reducing as far as possible those hazards which are not evident to users; it does not cover inherent hazards (e.g. instability of two-wheeled scooters, sharp needles in a sewing kit, etc.) that are obvious to children or the persons in charge of them. Assuming that the toys are used in the intended manner they should not present any further hazard to children for whom they are intended. Allowance should also be made for foreseeable use, bearing in mind the behaviour of children who do not generally share the same degree of care as the average adult user.</p> <p>As a general rule, toys are designed and manufactured for particular ages of children. Their characteristics are related to the age and stage of development of the children, and their use presupposes certain aptitudes.</p> <p>Accidents are frequently due to a toy either being given to a child for whom it is not intended or being used for a purpose other than that for which it was designed. Great care should therefore be taken when choosing a toy or game; account should be taken of the mental and physical development of the child who will be using it.</p> <p>The requirements of EN 71-1 do not release parents or carers from their responsibility of watching over the child while he or she is playing.</p>
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CONCLUSIONS	<p>The test specimen(s) submitted met the requirements of EN 71-1:2014+A1:2018 when tested under laboratory conditions.</p> <p>The results relate only to the test specimen(s) received and tested.</p>
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