

Rexcourt Technical Data

- **MSDA**
- **Product Specification**
- **Technical Specification**

MATERIAL SAFETY DATA SHEET

LG Hausys floors [REXCOURT] *Sport Flooring*

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **LG Hausys floors Rexcourt**

PRODUCT DESCRIPTION : Vinyl flooring for indoor sports

MANUFACTURER'S NAME : LG Hausys, Ltd.

DATE PREPARED : Sep. 18, 2009

Version : 2009-Version 1

ADDRESS (NUMBER, STREET, P.O. BOX) : 6F, LG Twin Tower, Yeouido-dong, Yeongdeungpo-gu

CITY, STATE AND ZIP CODE : Seoul 150-721

TELEPHONE NUMBER FOR INFORMATION : 82-2-3773-3889

EMERGENCY TELEPHONE NUMBER : 82-2-3773-6762

SECTION 2 – DEPARTMENT OF TRANSPORTATION INFORMATION

Shipping Name : Not Classified. Hazard Class : N/A ID# : NA

Emergency only contact : LG Hausys(82-2-3773-3889)

SECTION 3 – HMIS(0=minimal hazard;4=severe hazard)

Health = 0

Flammability = 1

Reactivity = 0

SECTION 4 – PRODUCT CONTENT

Ingredients are not considered hazardous. Contains a mixture of ingredients common to the floor covering industry. PVC resin, filler, plasticizers, stabilizers, pigments, etc

This Product does NOT Contain asbestos.

SECTION 5 – HAZARDOUS INGREDIENTS

1. Hazardous Component(Specific chemical identity: common name) : None
2. C.A.S. No. : N/A
3. % : N/A
4. OSHA PEL : N/A
5. ACGIH TLV : N/A

LG Hausys floors

SECTION 6 – PHYSICAL DATA

1. Appearance & Order : Negligible
2. Boiling Point (degrees F) : N/A
3. Vapor Pressure (mm Hg @ 20 degree C) : N/A
4. Vapor density (Air = 1) : N/A
5. Percent volatile By weight (30 min @ 275 degrees F) : N/A
6. Evaporation rate (Butyl Acetate = 1) : N/A
7. Solubility in water : N/A
8. PH : N/A

SECTION 7 – FIRE AND EXPLOSION HAZARD DATA

1. Flash point : N/A
2. Flammable range : LEL = N/A, UEL = N/A
3. Extinguishing media : water spray, Carbon dioxide or dry chemical
4. Special fire fighting procedures
: Protect fire fighters from toxic products of combustion by wearing self-contained breathing apparatus
5. Unusual fire and explosion hazard : HCl gas liberated in combustion.

SECTION 8 – HEALTH HAZARD DATA

1. Primary route(s) of entry : N/A
2. Target organs : N/A
3. Effects of over exposure : N/A
4. Skin and Eyes : N/A
5. Inhalation : N/A
6. Carcinogenicity : NTP:No, IARC Monographs:No, OSHA Regulated:No
7. Medical conditions generally aggravated by exposure : N/A
8. First Aid procedures : N/A
9. Ingestion : N/A

SECTION 9 – REACTIVITY DATA

1. Stability : Stable
2. Incompatibility(Material to avoid) : Avoid contact with acetal or acetal copolymer and with amine containing materials during processing.
3. Hazardous Decomposition or Byproducts : N/A
4. Hazardous polymerization : N/A

LG Hausys floors

SECTION 10 - TOXICOLOGICAL INFORMATION

No toxicological effects on human health are known

SECTION 11 - ECOLOGICAL INFORMATION

No negative ecological effects are known

SECTION 12 - DISPOSAL CONSIDERATIONS

Landfill in accordance with local or state regulations. No special requirements

SECTION 13 – SAFE HANDLING AND USE INFORMATION

1. Ventilation : N/A
2. Respiratory protection : N/A
3. Skin and Eye protection : N/A

SECTION 14 – REGULATORY INFORMATION

No special information obliged

SECTION 15 – OTHER INFORMATION

WORK SITE ENVIRONMENT

Initially there may be a potential adverse impact on indoor air quality within the general work area during the installation process.

Therefore you should advise the building manager or other appropriate person that: It will be necessary to establish and maintain adequate ventilation of the work area. Persons who are sensitive to odors and/or chemicals should be advised to avoid the work area during this process

NOTICE

The information in this document is believed to be correct as of the date issued and supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

LG Hausys floors

Product Specification

Classification

LG Hausys floors [Rexcourt 3.9T/4.5T/6.5T/8.0T] : Sheet / Heterogeneous Sheet / Commercial / Specialty

Introduction

Designed for sports flooring where shock absorption, elasticity, and other demanding requirements are needed.

Structure



Characteristics / Advantage

Designed for sports flooring where shock absorption, elasticity, and other demanding requirements are needed.

Polyurethane coating makes maintenance easy and economical.

100% vinyl wear layer offers extra durability.

Dimensional stability delivers stable playing surface for athletic protection.

Closed cell structure offers superior noise level reduction.

Available in wood and solid visuals to meet most design requirements for sports flooring.

Application

Multi purpose, Basket ball, Party room, Volley ball, hand ball, Table tennis, badminton, Soccer (indoor), Dance floors, Food service areas. etc.

Technical Specification

LG Hausys floors [REXCOURT3.9]:Sports Flooring

Technical Data

Product specification according to EN14 904

Characteristic	Standard	Unit	Result
Surface treatment			PUR (Antibacterial)
Format			Sheet
Roll Width		m	1.8
Roll Length		m	16(Badminton) 14(Table Tennis)
Total Thickness		mm	3.9
Weight		kg/m2	2.7
Friction	NF EN 13036-4	-	Average 84
Shock absorption	EN 14808	%	/
Vertical deformation	EN 14809	mm	0.5
Vertical ball rebound	NF EN 12235	%	Average 100
Behaviour under a rolling load	NF EN 1569	-	No damage
Resistance to wear	EN ISO 5470-1	g	0.23
Specular gloss	EN ISO 2813	%	7.4
Resistance to static load	NF EN 1516	mm	Average 0.13
Resistance to impact	NF EN 1517	-	No damage
Resistance to Repeated impact	TS 15122	-	No damage
Reaction to fire	EN13501-1	-	Cfl - S1



Cfl - S1



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ISO9001



ISO14001



Low Carbon
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Technical Specification

LG Hausys floors [REXCOURT4.5]:Sports Flooring

Technical Data

Product specification according to EN14 904

Characteristic	Standard	Unit	Result
Surface treatment			PUR(Antibacterial)
Format			Sheet
Roll Width		m	1.8
Roll Length		m	20
Total Thickness		mm	4.5
Weight		kg/m2	3.1
Friction	NF EN 13036-4	-	Average 93
Shock absorption	EN 14808	%	/
Vertical deformation	EN 14809	mm	1.0
Vertical ball rebound	NF EN 12235	%	Average 99
Behaviour under a rolling load	NF EN 1569	-	No damage
Resistance to wear	EN ISO 5470-1	g	0.19
Specular gloss	EN ISO 2813	%	25
Resistance to static load	NF EN 1516	mm	Average 0.23
Resistance to impact	NF EN 1517	-	No damage
Resistance to Repeated impact	TS 15122	-	No damage
Reaction to fire	EN13501-1	-	Cfl - S1



Cfl - S1



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Technical Specification

LG Hausys floors [REXCOURT6.5]:Sports Flooring

Technical Data

Product specification according to EN14 904

Characteristic	Standard	Unit	Result
Surface treatment			PUR(Antibacterial)
Format			Sheet
Roll Width		m	1.8
Roll Length		m	15
Total Thickness		mm	6.5
Weight		kg/m2	4.3
Friction	NF EN 13036-4	-	Average 87
Shock absorption	EN 14808	%	≥25
Vertical deformation	EN 14809	mm	1.0
Vertical ball rebound	NF EN 12235	%	Average 96
Behaviour under a rolling load	NF EN 1569	-	No damage
Resistance to wear	EN ISO 5470-1	g	0.21
Specular gloss	EN ISO 2813	%	23
Resistance to static load	NF EN 1516	mm	Average 0.33
Resistance to impact	NF EN 1517	-	No damage
Resistance to Repeated impact	TS 15122	-	No damage
Reaction to fire	EN13501-1	-	Cfl - S1



Cfl - S1



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ISO9001



ISO14001



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Technical Specification

LG Hausys floors [REXCOURT8.0]:Sports Flooring

Technical Data

Product specification according to EN14 904

Characteristic	Standard	Unit	Result
Surface treatment			PUR(Antibacterial)
Format			Sheet
Roll Width		m	1.8
Roll Length		m	11
Total Thickness		mm	8.0
Weight		kg/m2	4.8
Friction	NF EN 13036-4	-	Average 87
Shock absorption	EN 14808	%	≥25
Vertical deformation	EN 14809	mm	1.0
Vertical ball rebound	NF EN 12235	%	Average 99
Behaviour under a rolling load	NF EN 1569	-	No damage
Resistance to wear	EN ISO 5470-1	g	0.21
Specular gloss	EN ISO 2813	%	22
Resistance to static load	NF EN 1516	mm	Average 0.31
Resistance to impact	NF EN 1517	-	No damage
Resistance to Repeated impact	TS 15122	-	No damage
Reaction to fire	EN13501-1	-	Cfl - S1



Cfl - S1



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ISO9001



ISO14001



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