WORLD ATHLETICS

PRODUCT CERTIFICATE

World Athletics is pleased to certify that the following product meets all the technical requirements of the World Athletics Rules for the relevant competitions.

Product's Trade Name:

Synthetic surface - JRace Broadcasting Sandwich Athletic Track

Description, Colour/Absolute Thickness:

Sandwich, non porous, 13.0mm

Company Name, Country:

Guangdong JRace New Material Co. Ltd., CHN

Catalogue Number:

-

Certification Number:

S-24-0373

Test Report by and on:

HAST-HT-2024-027-P.1, 2 February 2024
Beijing Hua'an United Certification and Testing Center Co.,Ltd. (CHN), Qizhao

Notes:

-

Date of Issue:

01 July 2024

Date of Expiry:

July 2028

Issued in accordance with the terms and conditions of the World Athletics Certification System

Jon Ridgeon
World Athletics CEO

WORLD ATHLETICS CERTIFIED PRODUCT

JRACE SPORTS FLOORING

DATA SHEET

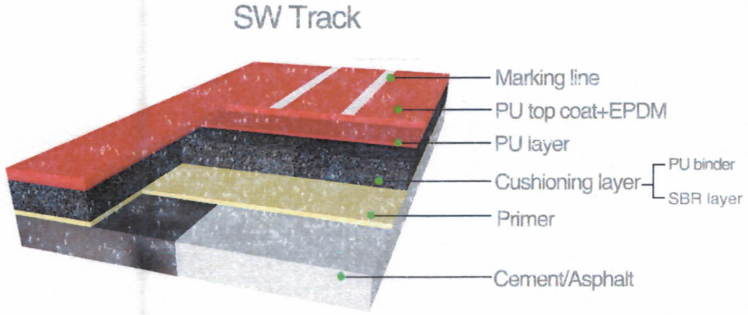
Sandwich System Running Track

Suitable for all kinds of school, stadium, park, etc

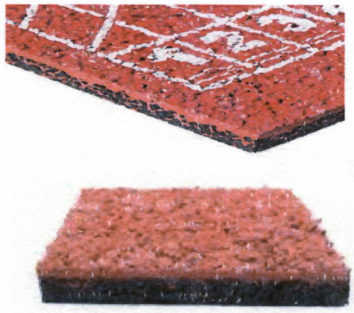
SYSTEM DESCRIPTION

A Sandwich System Running Track is a hybrid of both the full PU track and the spray coat track. It consists of SBR base mixed with polyurethane binder and EPDM granules with polyurethane binder. It combines the low cost SBR base material with the surface broadcast/spray wearing. It is non porous so does not allow rainwater through the system. The Sandwich System is hard wearing, durable and gives the characteristics of the solid PU track system at a cost saving price.

STRUCTURE



SAMPLE



CHARACTERISTICS

- Total system thickness approx. 13 - 17 mm
- Water-impermeability
- Spray-coating or broadcasting construction
- Good shock-absorbing ability
- Structured surface
- Available in Red, Blue, Green and other colors
- Excellent conditions even when wet or raining

CERTIFICATES

IAAF CERTIFIED PRODUCT · IAAF CERTIFIED FACILITY · WORLD ATHLETICS CLASS 2 CERTIFIED FACILITY · WORLD ATHLETICS CERTIFIED PRODUCT · ISO 9001:2015 COMPANY · ISO 14001:2015 ORGANIZATION · ISO 45001:2018 ORGANIZATION

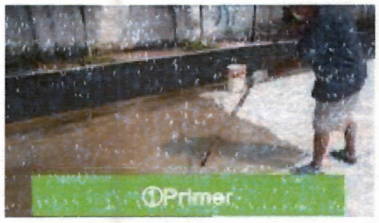
JRace 杰锐®

Guangdong JRace New Material Co., Ltd www.jracesports.com
Cindy Email: sales1@jracesport.com Tel.:+86 15817170571

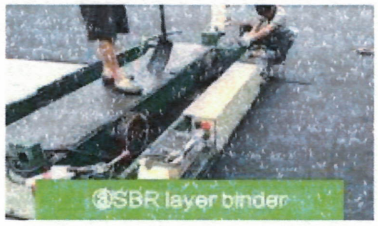
JRACE SPORTS FLOORING

SP SYSTEM

INSTALLATION

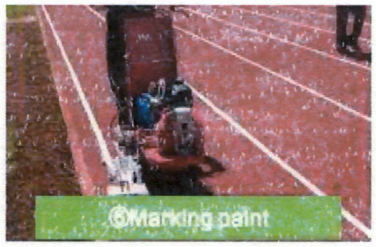




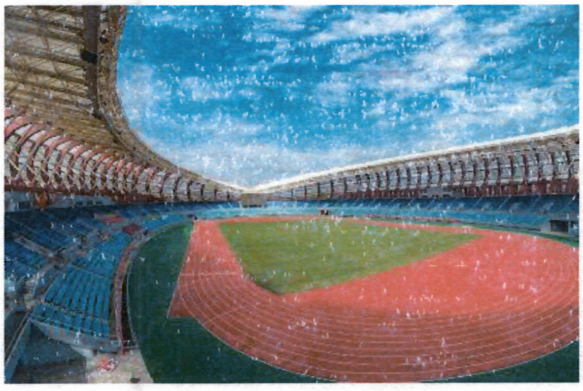








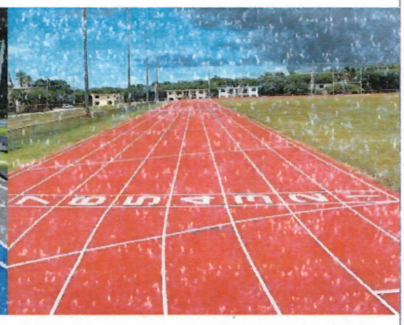
PROJECT CASES











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Guangdong JRace New Material Co., Ltd www.jracesports.com
Cindy Email: sales1@jracesport.com Tel.:+86 15817170571

JRACE SPORTS FLOORING

SP SYSTEM

USAGE ON CONCRET BASE (13mm thickness)			
Layer	**Product**	**Consumption (kg/m²)**	**Application**
	Hardener	0.001	Mixed with pu primer and top coat
	2:1 top coat(for spray coat system)	1.20	spray machine or hand made
	1:3 pu primer - red color	3.0	For hand made surface, apply with epdm granule
	EPDM Granules (1-3,2-4mm)	1.20(for spray coat system) 4.0(for hand made surface)	Mixed with top coat,by spray machine or hand made
	305 pu primer	3.0	Seal the sbr layer, by trowel
	rubber powder(red)	0.7	Mixed with 305 pu primer
	Hardener for pu binder	0.001	Mixed with 103# Glue binder if needed
	SBR Granules (2- 4mm)	8.0	Mixed with 103# Glue binder, apply with paver machine
	103# Glue Binder	1.27	0.2kg for Primer; Mixing SBR granules 1:7.5
	PU Marking paint	/	Marking line machine / spray bottle
	Binder resin - additive	0.02	For washing machine

PACKING DETAILS











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Guangdong JRace New Material Co., Ltd www.jracesports.com
Cindy Email: sales1@jracesport.com Tel.:+86 15817170571

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIALS ZONE A,
HUAQIAO INDUSTRIAL PARK,DONGHUA COUNTY, YINGDE CITY, CHINA

**** MATERIAL SAFETY DATA SHEET ****

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Drier Material; Sport Flooring Material
Synonyms: Sport flooring material
Company Identification: Guangdong JRace New Material Co., Ltd
Address: N0.1, Hanhe One Road, New Materials Zone A, Huaqiao Industrial Park, Donghua County, Yingde City, Guangdong Province, China
For information, call: 020-37286070
For emergencies, call: 020-37286070
E-mail: 3556099560@qq.com

**** SECTION 2 - HAZARDS IDENTIFICATION ****

Emergency overview : None

Classification according to GHS
Not a dangerous substance according to GHS.

Label elements
Hazard pictogram(s): No data available
Signal word: No data available
Hazard statement(s): No data available
Precautionary statement(s):
Prevention: No data available
Response: No data available
Storage: No data available
Disposal: No data available

Other hazards
Physical and chemical hazards: See Section 10
Human health hazards: See Section 11
Environmental hazards: See Section 12

**** SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical characterization: Mixture.

Component	CAS#	EC#	Weight(%)
Zinc	31396-84-6	806-292-3	100%

**** SECTION 4 - FIRST AID MEASURES ****

Description of first aid measures

General information Normal use does not require special measures , industrial production in the long term , refer to the following :
After eye contact
Flush eyes with water.
After skin contact
Wash with water and soap.
After inhalation
Remove victim to fresh area.
After swallowing
Do not induce vomiting. Get medical attention.

Personal protective equipment for first-aid responders: No data available.
Most important symptoms/effects,acute and delayed: No data available.
Indication of immediate medical attention and special treatment needed: No data available.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Suitable extinguishing media:
Use extinguishing agent suitable for local conditions and the surrounding environment. Such as dry powder , CO_2.
Unsuitable extinguishing media: No data available.
Specific Hazards arising from the chemical: No data available.
Specific protective actions for fire-fighters:
Protective equipment: Wear self-contained respirator.Wear fully protective impervious suit.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Normal use does not require special measures , industrial production in the long term, refer to the following :
Personal precautions:
Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
Protective equipment:
No data available.
Emergency procedures:
Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.
Environmental precautions:
Do not allow material to be released to the environment without proper governmental permits.
Methods and materials for containment and cleaning up:
For all waste handing must refer to United Nations, National and Local Regulations for disposal.
See Section 7 for information on safe handing.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

**** SECTION 7 - HANDLING and STORAGE ****

Normal use does not require special measures , industrial production in the long term, refer to the following :

Handling:

Storage in a cold, dry, well ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container. Stay away from taboo, such as strong oxidizing agents.

Information about fire and explosion protection:

The product is non-flammable.

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool place. Keep container closed, store in a dry and ventilated place.

Information about storage in one common storage facility:

Moisture absorption.

Further information about storage conditions:

Keep container tightly sealed.

Specific and use:

No data available.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Control parameters

CAS#	ACGIH	NIOSH	OSHA
31396-84-6	N/A	N/A	N/A

Engineering Control:

The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Remove all soiled and contaminated clothing immediately.
Wash hands before breaks and at the end of work.

Personal Protective Equipment

Respiratory protection: Wear suitable protective mask in order to reduce the respiratory system. A large number of leakages, wear chemical protective clothing, including self-contained breathing apparatus.

Hand Protection: Wear appropriate protective gloves to reduce skin contact.

Eyes Protection: Wear safety goggles or eye protection combined with respiratory protection.

Skin and Body Protection: Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Information on basic physical and chemical properties

Physical State:	Liquid
Color:	Brown viscous
Odor:	Not available

pH:	N/A
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Autoignition Temperature:	Not available
Flash Point:	>100℃（Closed cup）
Explosion Limits, lower:	Not available
Explosion Limits, upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Not soluble in water
Specific Gravity/Density:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Stable.
Possibility of hazardous reaction: No data available.
Conditions to Avoid: Incompatible materials.
Incompatible materials: No data available.
Hazardous Decomposition Products: Carbon oxide.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Acute Toxicity:

CAS#	LC50/LD50
31396-84-6	No data available.

Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or Skin sensitization: No data available.
Germ Cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.
Specific target organ toxicity-Single exposure: No data available.
Specific target organ toxicity-Repeated exposure: No data available.
Aspiration hazard: No data available.
Information on the likely routes of exposure: No data available.
Eye: No data available.
Skin: No data available.
Ingestion : No data available.
Inhalation: No data available.

**** SECTION 12 - ECOLOGICAL INFORMATION ***

Ecological Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.
Other adverse effects: No data available.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Waste treatment methods
Recommendation:
Consult state, local or national regulations to ensure proper disposal.
Uncleaned packaging
Recommendation: Disposal must be made according to official regulations.

**** SECTION 14 - TRANSPORT INFORMATION ****

UN Number **IATA, IMDG**	N/A
UN Proper shipping name **IATA, IMDG**	N/A
Transport hazard class(es) **IATA, IMDG**	Not Subjected for transport of dangerous goods
Packing group **IATA, IMDG**	N/A
Environmental hazards **Marine pollutant:**	No
Special precautions for user	No information available.

Transport Fashion: By air, by sea, by road, by railway.

**** SECTION 15 - REGULATORY INFORMATION ****

Safety, health and environmental regulations/legislation specific for the substance or mixture

CAS#	TSCA	IECSC	DSL/NDSL	EINECS/ELINCS/NLP
31396-84-6	Listed	Listed	Listed DSL	Listed

**** SECTION 16 - OTHER INFORMATION ****

Notice to reader.
To the best of our knowledge, the information contained herein is accurate.
Other Information:
CAS: (Chemical Abstracts Service);
EC: (European Commission);
ACGIH: (American Conference of Governmental Industrial Hygienists);
NIOSH: (US National Institute for Occupational Safety and Health);
OSHA: (US Occupational Safety and Health);
TLV: (Threshold Limit Value)
TWA: (Time Weighted Average);
STEL: (Short Term Exposure Limit);
PEL: (Permissible Exposure Level);

REL: (Recommended Exposure Limit);
PC-STEL: (Permissible concentration-time weighted average);
PC-TWA: (Permissible concentration-short time exposure limit);
LC50: (Lethal concentration, 50 percent kill);
LD50: (Lethal dose, 50 percent kill);
IARC: (International Agency for Research on Cancer）;
EC50: (Median effective concentration);
BCF: (Bioconcentration Factor);
BOD: (Biochemical oxygen demand);
NOEC: (No observed effect concentration);
NTP: (US National Toxicology Program);
RTECS: (Registry of Toxic Effects of Chemical Substances);
IATA: (International Air Transport Association);
IMDG: (International Maritime Dangerous Goods);
TOG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);
TOC: (Total Organic Carbon);
TSCA: (Toxic Substances Control Act of USA);
DSL: (the Domestic Substances List of Canada);
NDSL: (the Non-domestic Substances List of Canada)

Company Name: Guangdong JRace New Material Co., Ltd

Dated: 2025-01-01

**** END OF REPORT****

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIAL ZONE A,
HUAQIAO INDUSTRIAL PARK, DONGHUA COUNTY, YINGDE CITY, GUANGDONG, CHINA

**** MATERIAL SAFETY DATA SHEET ****

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: EPDM GRANULES
Synonyms: Sport flooring material
Company Identification: Guangdong JRace New Material Co., Ltd
Address: No.1, Hanhe One Road, New Materials Zone A, Huaqiao Industrial Park, Donghua County, Yingde City, Guangdong, China
For information, call: 020-37286070
For emergencies, call: 020-37286070
E-mail: 3556099560@qq.com

**** SECTION 2 - HAZARDS IDENTIFICATION ****

Emergency overview : None

Classification according to GHS
Not a dangerous substance according to GHS.

Label elements
Hazard pictogram(s): No data available
Signal word: No data available
Hazard statement(s): No data available
Precautionary statement(s):
Prevention: No data available
Response: No data available
Storage: No data available
Disposal: No data available

Other hazards
Physical and chemical hazards: See Section 10
Human health hazards: See Section 11
Environmental hazards: See Section 12

**** SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical characterization: Mixture.

Component	CAS#	EC#	Weight(%)
EPDM	25038-36-2	---	13
Mineral oil	8042-47-5	232-455-8	13
Calcium carbonate	471-34-1	207-439-9	61
Iron oxide	1332-37-2	215-570-8	13

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIAL ZONE A,
HUAQIAO INDUSTRIAL PARK, DONGHUA COUNTY, YINGDE CITY, GUANGDONG, CHINA

**** SECTION 4 - FIRST AID MEASURES ****

Description of first aid measures
General information Normal use does not require special measures , industrial production in the long term , refer to the following :
After eye contact
Flush eyes with water.
After skin contact
Wash with water and soap.
After inhalation
Remove victim to fresh area.
After swallowing
Do not induce vomiting. Get medical attention.

Personal protective equipment for first-aid responders: No data available.
Most important symptoms/effects,acute and delayed: No data available.
Indication of immediate medical attention and special treatment needed: No data available.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Suitable extinguishing media:
Use extinguishing agent suitable for local conditions and the surrounding environment. Such as dry powder , CO_2.
Unsuitable extinguishing media: No data available.
Specific Hazards arising from the chemical: No data available.
Specific protective actions for fire-fighters:
Protective equipment: Wear self-contained respirator.Wear fully protective impervious suit.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Normal use does not require special measures , industrial production in the long term, refer to the following :
Personal precautions:
Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
Protective equipment:
No data available.
Emergency procedures:
Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.
Environmental precautions:
Do not allow material to be released to the environment without proper governmental permits.
Methods and materials for containment and cleaning up:
For all waste handing must refer to United Nations, National and Local Regulations for disposal.
See Section 7 for information on safe handing.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

**** SECTION 7 - HANDLING and STORAGE ****

Normal use does not require special measures , industrial production in the long term, refer to the following :

Handling:

Storage in a cold, dry, well ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container. Stay away from taboo, such as strong oxidizing agents.

Information about fire and explosion protection:

The product is non-flammable.

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool place. Keep container closed, store in a dry and ventilated place.

Information about storage in one common storage facility:

Moisture absorption.

Further information about storage conditions:

Keep container tightly sealed.

Specific and use:

No data available.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Control parameters

CAS#	ACGIH	NIOSH	OSHA
25038-36-2	N/A	N/A	N/A
8042-47-5	N/A	N/A	N/A
471-34-1	N/A	N/A	N/A
1332-37-2	N/A	N/A	N/A

Engineering Control:

The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Remove all soiled and contaminated clothing immediately.
Wash hands before breaks and at the end of work.

Personal Protective Equipment

Respiratory protection: Wear suitable protective mask in order to reduce the respiratory system. A large number of leakages, wear chemical protective clothing, including self-contained breathing apparatus.

Hand Protection: Wear appropriate protective gloves to reduce skin contact.

Eyes Protection: Wear safety goggles or eye protection combined with respiratory protection.

Skin and Body Protection: Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Information on basic physical and chemical properties

Physical State:	Granule
Color:	Red
Odor:	Not available
pH:	N/A
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Autoignition Temperature:	Not available
Flash Point:	>100℃（Closed cup）
Explosion Limits, lower:	Not available
Explosion Limits, upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Not soluble in water
Specific Gravity/Density:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Stable.
Possibility of hazardous reaction: No data available.
Conditions to Avoid: Incompatible materials.
Incompatible materials: No data available.
Hazardous Decomposition Products: Carbon oxide.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Acute Toxicity:

CAS#	LC50/LD50
25038-36-2	No data available.
8042-47-5	No data available.
471-34-1	No data available.
1332-37-2	No data available.

Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or Skin sensitization: No data available.
Germ Cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.
Specific target organ toxicity-Single exposure: No data available.
Specific target organ toxicity-Repeated exposure: No data available.
Aspiration hazard: No data available.
Information on the likely routes of exposure: No data available.

Eye: No data available.
Skin: No data available.
Ingestion : No data available.
Inhalation: No data available.

**** SECTION 12 - ECOLOGICAL INFORMATION ***

Ecological Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Other adverse effects: No data available.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Waste treatment methods
Recommendation:
Consult state, local or national regulations to ensure proper disposal.
Uncleaned packaging
Recommendation: Disposal must be made according to official regulations.

**** SECTION 14 - TRANSPORT INFORMATION ****

UN Number **IATA, IMDG**	N/A
UN Proper shipping name **IATA, IMDG**	N/A
Transport hazard class(es) **IATA, IMDG**	Not Subjected for transport of dangerous goods
Packing group **IATA, IMDG**	N/A
Environmental hazards **Marine pollutant:**	No
Special precautions for user	No information available.

Transport Fashion: By air, by sea.

**** SECTION 15 - REGULATORY INFORMATION ****

Safety, health and environmental regulations/legislation specific for the substance or mixture

CAS#	TSCA	IECSC	DSL/NDSL	EINECS/ELINCS/NLP
25038-36-2	Listed	Listed	Listed DSL	Listed
8042-47-5	Listed	Listed	Listed DSL	Listed
471-34-1	Listed	Listed	Listed DSL	Listed
1332-37-2	Listed	Listed	Listed DSL	Listed

**** SECTION 16 - OTHER INFORMATION ****

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIAL ZONE A,
HUAQIAO INDUSTRIAL PARK, DONGHUA COUNTY, YINGDE CITY, GUANGDONG, CHINA

Notice to reader.
To the best of our knowledge, the information contained herein is accurate.
Other Information:
CAS: (Chemical Abstracts Service);
EC: (European Commission);
ACGIH: (American Conference of Governmental Industrial Hygienists);
NIOSH: (US National Institute for Occupational Safety and Health);
OSHA: (US Occupational Safety and Health);
TLV: (Threshold Limit Value)
TWA: (Time Weighted Average);
STEL: (Short Term Exposure Limit);
PEL: (Permissible Exposure Level);
REL: (Recommended Exposure Limit);
PC-STEL: (Permissible concentration-time weighted average);
PC-TWA: (Permissible concentration-short time exposure limit);
LC50: (Lethal concentration, 50 percent kill);
LD50: (Lethal dose, 50 percent kill);
IARC: (International Agency for Research on Cancer）;
EC50: (Median effective concentration);
BCF: (Bioconcentration Factor);
BOD: (Biochemical oxygen demand);
NOEC: (No observed effect concentration);
NTP: (US National Toxicology Program);
RTECS: (Registry of Toxic Effects of Chemical Substances);
IATA: (International Air Transport Association);
IMDG: (International Maritime Dangerous Goods);
TOG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);
TOC: (Total Organic Carbon);
TSCA: (Toxic Substances Control Act of USA);
DSL: (the Domestic Substances List of Canada);
NDSL: (the Non-domestic Substances List of Canada)

Company Name: Guangdong JRace New Material Co., Ltd

Dated: 2025-01-01

**** END OF REPORT****

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIALS ZONE A,
HUAQIAO INDUSTRIAL PARK,DONGHUA COUNTY, YINGDE CITY, CHINA

**** MATERIAL SAFETY DATA SHEET ****

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Marking Line Group A; Marking Line A; Sport Flooring Material
Synonyms: Sport flooring material
Company Identification: Guangdong JRace New Material Co., Ltd
Address: N0.1, Hanhe One Road, New Materials Zone A, Huaqiao Industrial Park, Donghua County, Yingde City, Guangdong Province, China
For information, call: 020-37286070
For emergencies, call: 020-37286070
E-mail: 3556099560@qq.com

**** SECTION 2 - HAZARDS IDENTIFICATION ****

Emergency overview : None

Classification according to GHS
Not a dangerous substance according to GHS.

Label elements
Hazard pictogram(s): No data available
Signal word: No data available
Hazard statement(s): No data available
Precautionary statement(s):
Prevention: No data available
Response: No data available
Storage: No data available
Disposal: No data available

Other hazards
Physical and chemical hazards: See Section 10
Human health hazards: See Section 11
Environmental hazards: See Section 12

**** SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical characterization: Mixture.

Component	CAS#	EC#	Weight(%)
Polyurethane resin	9017-09-8	923-227-5	100

**** SECTION 4 - FIRST AID MEASURES ****

Description of first aid measures
General information Normal use does not require special measures , industrial production in the long term , refer to the following :

After eye contact
Flush eyes with water.
After skin contact
Wash with water and soap.
After inhalation
Remove victim to fresh area.
After swallowing
Do not induce vomiting. Get medical attention.

Personal protective equipment for first-aid responders: No data available.
Most important symptoms/effects,acute and delayed: No data available.
Indication of immediate medical attention and special treatment needed: No data available.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Suitable extinguishing media:
Use extinguishing agent suitable for local conditions and the surrounding environment. Such as dry powder , CO_2.
Unsuitable extinguishing media: No data available.
Specific Hazards arising from the chemical: No data available.
Specific protective actions for fire-fighters:
Protective equipment: Wear self-contained respirator.Wear fully protective impervious suit.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Normal use does not require special measures , industrial production in the long term, refer to the following :
Personal precautions:
Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
Protective equipment:
No data available.
Emergency procedures:
Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.
Environmental precautions:
Do not allow material to be released to the environment without proper governmental permits.
Methods and materials for containment and cleaning up:
For all waste handing must refer to United Nations, National and Local Regulations for disposal.
See Section 7 for information on safe handing.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

**** SECTION 7 - HANDLING and STORAGE ****

Normal use does not require special measures , industrial production in the long term, refer to the following :
Handling:

Storage in a cold, dry, well ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container. Stay away from taboo, such as strong oxidizing agents.

Information about fire and explosion protection:
The product is non-flammable.

Storage:
Requirements to be met by storerooms and receptacles:
Store in a cool place. Keep container closed, store in a dry and ventilated place.
Information about storage in one common storage facility:
Moisture absorption.
Further information about storage conditions:
Keep container tightly sealed.
Specific and use:
No data available.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Control parameters

CAS#	ACGIH	NIOSH	OSHA
9017-09-8	N/A	N/A	N/A

Engineering Control:
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Remove all soiled and contaminated clothing immediately.
Wash hands before breaks and at the end of work.
Personal Protective Equipment
Respiratory protection: Wear suitable protective mask in order to reduce the respiratory system. A large number of leakages, wear chemical protective clothing, including self-contained breathing apparatus.
Hand Protection: Wear appropriate protective gloves to reduce skin contact.
Eyes Protection: Wear safety goggles or eye protection combined with respiratory protection.
Skin and Body Protection: Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Information on basic physical and chemical properties

Physical State:	Liquid
Color:	Colorless transparent viscous
Odor:	Not available
pH:	N/A
Vapor Pressure:	Not available
Viscosity:	Not available

Boiling Point:	Not available
Freezing/Melting Point:	Not available
Autoignition Temperature:	Not available
Flash Point:	>100℃（Closed cup）
Explosion Limits, lower:	Not available
Explosion Limits, upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Not soluble in water
Specific Gravity/Density:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Stable.
Possibility of hazardous reaction: No data available.
Conditions to Avoid: Incompatible materials.
Incompatible materials: No data available.
Hazardous Decomposition Products: Carbon oxide.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Acute Toxicity:

CAS#	LC50/LD50
9017-09-8	No data available.

Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or Skin sensitization: No data available.
Germ Cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.
Specific target organ toxicity-Single exposure: No data available.
Specific target organ toxicity-Repeated exposure: No data available.
Aspiration hazard: No data available.
Information on the likely routes of exposure: No data available.
Eye: No data available.
Skin: No data available.
Ingestion : No data available.
Inhalation: No data available.

**** SECTION 12 - ECOLOGICAL INFORMATION ***

Ecological Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Other adverse effects: No data available.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Waste treatment methods
Recommendation:
Consult state, local or national regulations to ensure proper disposal.
Uncleaned packaging
Recommendation: Disposal must be made according to official regulations.

**** SECTION 14 - TRANSPORT INFORMATION ****

UN Number **IATA, IMDG**	N/A
UN Proper shipping name **IATA, IMDG**	N/A
Transport hazard class(es) **IATA, IMDG**	Not Subjected for transport of dangerous goods
Packing group **IATA, IMDG**	N/A
Environmental hazards **Marine pollutant:**	No
Special precautions for user	No information available.

Transport Fashion: By air, by sea, by road, by railway.

**** SECTION 15 - REGULATORY INFORMATION ****

Safety, health and environmental regulations/legislation specific for the substance or mixture

CAS#	TSCA	IECSC	DSL/NDSL	EINECS/ELINCS/NLP
9017-09-8	Listed	Listed	Listed DSL	Listed

**** SECTION 16 - OTHER INFORMATION ****

Notice to reader.
To the best of our knowledge, the information contained herein is accurate.
Other Information:
CAS: (Chemical Abstracts Service);
EC: (European Commission);
ACGIH: (American Conference of Governmental Industrial Hygienists);
NIOSH: (US National Institute for Occupational Safety and Health);
OSHA: (US Occupational Safety and Health);
TLV: (Threshold Limit Value)
TWA: (Time Weighted Average);
STEL: (Short Term Exposure Limit);
PEL: (Permissible Exposure Level);
REL: (Recommended Exposure Limit);
PC-STEL: (Permissible concentration-time weighted average);
PC-TWA: (Permissible concentration-short time exposure limit);

LC50: (Lethal concentration, 50 percent kill);
LD50: (Lethal dose, 50 percent kill);
IARC: (International Agency for Research on Cancer）;
EC50: (Median effective concentration);
BCF: (Bioconcentration Factor);
BOD: (Biochemical oxygen demand);
NOEC: (No observed effect concentration);
NTP: (US National Toxicology Program);
RTECS: (Registry of Toxic Effects of Chemical Substances);
IATA: (International Air Transport Association);
IMDG: (International Maritime Dangerous Goods);
TOG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);
TOC: (Total Organic Carbon);
TSCA: (Toxic Substances Control Act of USA);
DSL: (the Domestic Substances List of Canada);
NDSL: (the Non-domestic Substances List of Canada)

Company Name: Guangdong JRace New Material Co., Ltd

Dated: 2025-01-01

**** END OF REPORT****

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIALS ZONE A,
HUAQIAO INDUSTRIAL PARK,DONGHUA COUNTY, YINGDE CITY, CHINA

**** MATERIAL SAFETY DATA SHEET ****

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Marking Line Group B; Marking Line B; Sport Flooring Material
Synonyms: Sport flooring material
Company Identification: Guangdong JRace New Material Co., Ltd
Address: N0.1, Hanhe One Road, New Materials Zone A, Huaqiao Industrial Park, Donghua County, Yingde City, Guangdong Province, China
For information, call: 020-37286070
For emergencies, call: 020-37286070
E-mail: 3556099560@qq.com

**** SECTION 2 - HAZARDS IDENTIFICATION ****

Emergency overview : None

Classification according to GHS
Not a dangerous substance according to GHS.

Label elements
Hazard pictogram(s): No data available
Signal word: No data available
Hazard statement(s): No data available
Precautionary statement(s):
Prevention: No data available
Response: No data available
Storage: No data available
Disposal: No data available

Other hazards
Physical and chemical hazards: See Section 10
Human health hazards: See Section 11
Environmental hazards: See Section 12

**** SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical characterization: Mixture.

Component	CAS#	EC#	Weight(%)
Styrene-acrylic latex	25085-34-1	607-532-8	60
Calcium carbonate	471-34-1	207-439-9	40

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIALS ZONE A,
HUAQIAO INDUSTRIAL PARK,DONGHUA COUNTY, YINGDE CITY, CHINA

**** SECTION 4 - FIRST AID MEASURES ****

Description of first aid measures
General information Normal use does not require special measures , industrial production in the long term , refer to the following :
After eye contact
Flush eyes with water.
After skin contact
Wash with water and soap.
After inhalation
Remove victim to fresh area.
After swallowing
Do not induce vomiting. Get medical attention.

Personal protective equipment for first-aid responders: No data available.
Most important symptoms/effects,acute and delayed: No data available.
Indication of immediate medical attention and special treatment needed: No data available.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Suitable extinguishing media:
Use extinguishing agent suitable for local conditions and the surrounding environment. Such as dry powder , CO_2.
Unsuitable extinguishing media: No data available.
Specific Hazards arising from the chemical: No data available.
Specific protective actions for fire-fighters:
Protective equipment: Wear self-contained respirator.Wear fully protective impervious suit.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Normal use does not require special measures , industrial production in the long term, refer to the following :
Personal precautions:
Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
Protective equipment:
No data available.
Emergency procedures:
Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.
Environmental precautions:
Do not allow material to be released to the environment without proper governmental permits.
Methods and materials for containment and cleaning up:
For all waste handing must refer to United Nations, National and Local Regulations for disposal.
See Section 7 for information on safe handing.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIALS ZONE A,
HUAQIAO INDUSTRIAL PARK,DONGHUA COUNTY, YINGDE CITY, CHINA

**** SECTION 7 - HANDLING and STORAGE ****

Normal use does not require special measures , industrial production in the long term, refer to the following :

Handling:

Storage in a cold, dry, well ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container. Stay away from taboo, such as strong oxidizing agents.

Information about fire and explosion protection:

The product is non-flammable.

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool place. Keep container closed, store in a dry and ventilated place.

Information about storage in one common storage facility:

Moisture absorption.

Further information about storage conditions:

Keep container tightly sealed.

Specific and use:

No data available.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Control parameters

CAS#	ACGIH	NIOSH	OSHA
25085-34-1	N/A	N/A	N/A
471-34-1	N/A	REL-TWA 5mg/m^3 REL-TWA 10mg/m^3	PEL-TWA 5mg/m^3 PEL-TWA 15mg/m^3

Engineering Control:

The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Remove all soiled and contaminated clothing immediately.
Wash hands before breaks and at the end of work.

Personal Protective Equipment

Respiratory protection: Wear suitable protective mask in order to reduce the respiratory system. A large number of leakages, wear chemical protective clothing, including self-contained breathing apparatus.

Hand Protection: Wear appropriate protective gloves to reduce skin contact.

Eyes Protection: Wear safety goggles or eye protection combined with respiratory protection.

Skin and Body Protection: Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIALS ZONE A,
HUAQIAO INDUSTRIAL PARK,DONGHUA COUNTY, YINGDE CITY, CHINA

Information on basic physical and chemical properties

Physical State:	Liquid
Color:	White
Odor:	Not available
pH:	N/A
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Autoignition Temperature:	Not available
Flash Point:	>100℃（Closed cup）
Explosion Limits, lower:	Not available
Explosion Limits, upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Not soluble in water
Specific Gravity/Density:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Stable.
Possibility of hazardous reaction: No data available.
Conditions to Avoid: Incompatible materials.
Incompatible materials: No data available.
Hazardous Decomposition Products: Carbon oxide.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Acute Toxicity:

CAS#	LC50/LD50
25085-34-1	No data available.
471-34-1	No data available.

Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or Skin sensitization: No data available.
Germ Cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.
Specific target organ toxicity-Single exposure: No data available.
Specific target organ toxicity-Repeated exposure: No data available.
Aspiration hazard: No data available.
Information on the likely routes of exposure: No data available.
Eye: No data available.
Skin: No data available.
Ingestion : No data available.
Inhalation: No data available.

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIALS ZONE A,
HUAQIAO INDUSTRIAL PARK,DONGHUA COUNTY, YINGDE CITY, CHINA

**** SECTION 12 - ECOLOGICAL INFORMATION ***

Ecological Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Other adverse effects: No data available.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Waste treatment methods
Recommendation:
Consult state, local or national regulations to ensure proper disposal.
Uncleaned packaging
Recommendation: Disposal must be made according to official regulations.

**** SECTION 14 - TRANSPORT INFORMATION ****

UN Number **IATA, IMDG**	N/A
UN Proper shipping name **IATA, IMDG**	N/A
Transport hazard class(es) **IATA, IMDG**	Not Subjected for transport of dangerous goods
Packing group **IATA, IMDG**	N/A
Environmental hazards **Marine pollutant:**	No
Special precautions for user	No information available.

Transport Fashion: By air, by sea, by road, by railway.

**** SECTION 15 - REGULATORY INFORMATION ****

Safety, health and environmental regulations/legislation specific for the substance or mixture

CAS#	TSCA	IECSC	DSL/NDSL	EINECS/ELINCS/NLP
25085-34-1	Listed	Listed	Listed DSL	Listed
471-34-1	Listed	Listed	Listed DSL	Listed

**** SECTION 16 - OTHER INFORMATION ****

Notice to reader.

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIALS ZONE A,
HUAQIAO INDUSTRIAL PARK,DONGHUA COUNTY, YINGDE CITY, CHINA

To the best of our knowledge, the information contained herein is accurate.
Other Information:
CAS: (Chemical Abstracts Service);
EC: (European Commission);
ACGIH: (American Conference of Governmental Industrial Hygienists);
NIOSH: (US National Institute for Occupational Safety and Health);
OSHA: (US Occupational Safety and Health);
TLV: (Threshold Limit Value)
TWA: (Time Weighted Average);
STEL: (Short Term Exposure Limit);
PEL: (Permissible Exposure Level);
REL: (Recommended Exposure Limit);
PC-STEL: (Permissible concentration-time weighted average);
PC-TWA: (Permissible concentration-short time exposure limit);
LC50: (Lethal concentration, 50 percent kill);
LD50: (Lethal dose, 50 percent kill);
IARC: (International Agency for Research on Cancer）;
EC50: (Median effective concentration);
BCF: (Bioconcentration Factor);
BOD: (Biochemical oxygen demand);
NOEC: (No observed effect concentration);
NTP: (US National Toxicology Program);
RTECS: (Registry of Toxic Effects of Chemical Substances);
IATA: (International Air Transport Association);
IMDG: (International Maritime Dangerous Goods);
TOG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);
TOC: (Total Organic Carbon);
TSCA: (Toxic Substances Control Act of USA);
DSL: (the Domestic Substances List of Canada);
NDSL: (the Non-domestic Substances List of Canada)

Company Name: Guangdong JRace New Material Co., Ltd

Dated: 2025-01-01

**** END OF REPORT****

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIALS ZONE A,
HUAQIAO INDUSTRIAL PARK,DONGHUA COUNTY, YINGDE CITY, CHINA

**** MATERIAL SAFETY DATA SHEET ****

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: PU Running Track Group A; PU Bottom Material A; Sport Flooring Material
Synonyms: Sport flooring material
Company Identification: Guangdong JRace New Material Co., Ltd
Address: N0.1, Hanhe One Road, New Materials Zone A, Huaqiao Industrial Park, Donghua County, Yingde City, Guangdong Province, China
For information, call: 020-37286070
For emergencies, call: 020-37286070
E-mail: 3556099560@qq.com

**** SECTION 2 - HAZARDS IDENTIFICATION ****

Emergency overview : None

Classification according to GHS
Not a dangerous substance according to GHS.

Label elements
Hazard pictogram(s): No data available
Signal word: No data available
Hazard statement(s): No data available
Precautionary statement(s):
Prevention: No data available
Response: No data available
Storage: No data available
Disposal: No data available

Other hazards
Physical and chemical hazards: See Section 10
Human health hazards: See Section 11
Environmental hazards: See Section 12

**** SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical characterization: Mixture.

Component	CAS#	EC#	Weight(%)
Polyurethane resin	9017-09-8	923-227-5	100

**** SECTION 4 - FIRST AID MEASURES ****

Description of first aid measures

General information Normal use does not require special measures , industrial production in the long term , refer to the following :
After eye contact
Flush eyes with water.
After skin contact
Wash with water and soap.
After inhalation
Remove victim to fresh area.
After swallowing
Do not induce vomiting. Get medical attention.

Personal protective equipment for first-aid responders: No data available.
Most important symptoms/effects,acute and delayed: No data available.
Indication of immediate medical attention and special treatment needed: No data available.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Suitable extinguishing media:
Use extinguishing agent suitable for local conditions and the surrounding environment. Such as dry powder , CO_2.
Unsuitable extinguishing media: No data available.
Specific Hazards arising from the chemical: No data available.
Specific protective actions for fire-fighters:
Protective equipment: Wear self-contained respirator.Wear fully protective impervious suit.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Normal use does not require special measures , industrial production in the long term, refer to the following :
Personal precautions:
Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
Protective equipment:
No data available.
Emergency procedures:
Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.
Environmental precautions:
Do not allow material to be released to the environment without proper governmental permits.
Methods and materials for containment and cleaning up:
For all waste handing must refer to United Nations, National and Local Regulations for disposal.
See Section 7 for information on safe handing.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

**** SECTION 7 - HANDLING and STORAGE ****

Normal use does not require special measures , industrial production in the long term, refer to the following :

Handling:

Storage in a cold, dry, well ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container. Stay away from taboo, such as strong oxidizing agents.

Information about fire and explosion protection:

The product is non-flammable.

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool place. Keep container closed, store in a dry and ventilated place.

Information about storage in one common storage facility:

Moisture absorption.

Further information about storage conditions:

Keep container tightly sealed.

Specific and use:

No data available.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Control parameters

CAS#	ACGIH	NIOSH	OSHA
9017-09-8	N/A	N/A	N/A

Engineering Control:

The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Remove all soiled and contaminated clothing immediately.
Wash hands before breaks and at the end of work.

Personal Protective Equipment

Respiratory protection: Wear suitable protective mask in order to reduce the respiratory system. A large number of leakages, wear chemical protective clothing, including self-contained breathing apparatus.

Hand Protection: Wear appropriate protective gloves to reduce skin contact.

Eyes Protection: Wear safety goggles or eye protection combined with respiratory protection.

Skin and Body Protection: Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Information on basic physical and chemical properties

Physical State:	Liquid
Color:	Colorless transparent viscous
Odor:	Not available

pH:	N/A
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Autoignition Temperature:	Not available
Flash Point:	>100℃（Closed cup）
Explosion Limits, lower:	Not available
Explosion Limits, upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Not soluble in water
Specific Gravity/Density:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Stable.
Possibility of hazardous reaction: No data available.
Conditions to Avoid: Incompatible materials.
Incompatible materials: No data available.
Hazardous Decomposition Products: Carbon oxide.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Acute Toxicity:

CAS#	LC50/LD50
9017-09-8	No data available.

Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or Skin sensitization: No data available.
Germ Cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.
Specific target organ toxicity-Single exposure: No data available.
Specific target organ toxicity-Repeated exposure: No data available.
Aspiration hazard: No data available.
Information on the likely routes of exposure: No data available.
Eye: No data available.
Skin: No data available.
Ingestion : No data available.
Inhalation: No data available.

**** SECTION 12 - ECOLOGICAL INFORMATION ***

Ecological Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.
Other adverse effects: No data available.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Waste treatment methods
Recommendation:
Consult state, local or national regulations to ensure proper disposal.
Uncleaned packaging
Recommendation: Disposal must be made according to official regulations.

**** SECTION 14 - TRANSPORT INFORMATION ****

UN Number **IATA, IMDG**	N/A
UN Proper shipping name **IATA, IMDG**	N/A
Transport hazard class(es) **IATA, IMDG**	Not Subjected for transport of dangerous goods
Packing group **IATA, IMDG**	N/A
Environmental hazards **Marine pollutant:**	No
Special precautions for user	No information available.

Transport Fashion: By air, by sea, by road, by railway.

**** SECTION 15 - REGULATORY INFORMATION ****

Safety, health and environmental regulations/legislation specific for the substance or mixture

CAS#	TSCA	IECSC	DSL/NDSL	EINECS/ELINCS/NLP
9017-09-8	Listed	Listed	Listed DSL	Listed

**** SECTION 16 - OTHER INFORMATION ****

Notice to reader.
To the best of our knowledge, the information contained herein is accurate.
Other Information:
CAS: (Chemical Abstracts Service);
EC: (European Commission);
ACGIH: (American Conference of Governmental Industrial Hygienists);
NIOSH: (US National Institute for Occupational Safety and Health);
OSHA: (US Occupational Safety and Health);
TLV: (Threshold Limit Value)
TWA: (Time Weighted Average);
STEL: (Short Term Exposure Limit);
PEL: (Permissible Exposure Level);

REL: (Recommended Exposure Limit);
PC-STEL: (Permissible concentration-time weighted average);
PC-TWA: (Permissible concentration-short time exposure limit);
LC50: (Lethal concentration, 50 percent kill);
LD50: (Lethal dose, 50 percent kill);
IARC: (International Agency for Research on Cancer）;
EC50: (Median effective concentration);
BCF: (Bioconcentration Factor);
BOD: (Biochemical oxygen demand);
NOEC: (No observed effect concentration);
NTP: (US National Toxicology Program);
RTECS: (Registry of Toxic Effects of Chemical Substances);
IATA: (International Air Transport Association);
IMDG: (International Maritime Dangerous Goods);
TOG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);
TOC: (Total Organic Carbon);
TSCA: (Toxic Substances Control Act of USA);
DSL: (the Domestic Substances List of Canada);
NDSL: (the Non-domestic Substances List of Canada)

Company Name: Guangdong JRace New Material Co., Ltd

Dated: 2025-01-01

**** END OF REPORT****

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIALS ZONE A,
HUAQIAO INDUSTRIAL PARK,DONGHUA COUNTY, YINGDE CITY, CHINA

**** MATERIAL SAFETY DATA SHEET ****

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: PU Running Track Group B; PU Bottom Material B; Sport Flooring Material
Synonyms: Sport flooring material
Company Identification: Guangdong JRace New Material Co., Ltd
Address: N0.1, Hanhe One Road, New Materials Zone A, Huaqiao Industrial Park, Donghua County, Yingde City, Guangdong Province, China
For information, call: 020-37286070
For emergencies, call: 020-37286070
E-mail: 3556099560@qq.com

**** SECTION 2 - HAZARDS IDENTIFICATION ****

Emergency overview : None

Classification according to GHS
Not a dangerous substance according to GHS.

Label elements
Hazard pictogram(s): No data available
Signal word: No data available
Hazard statement(s): No data available
Precautionary statement(s):
Prevention: No data available
Response: No data available
Storage: No data available
Disposal: No data available

Other hazards
Physical and chemical hazards: See Section 10
Human health hazards: See Section 11
Environmental hazards: See Section 12

**** SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical characterization: Mixture.

Component	CAS#	EC#	Weight(%)
Polyether polyols	9003-11-6	618-355-0	35
Iron oxide	1332-37-2	215-570-8	4
Calcium carbonate	471-34-1	207-439-9	46
Kaolin	1332-58-7	310-194-1	15

**** SECTION 4 - FIRST AID MEASURES ****

Description of first aid measures
General information Normal use does not require special measures , industrial production in the long term , refer to the following :
After eye contact
Flush eyes with water.
After skin contact
Wash with water and soap.
After inhalation
Remove victim to fresh area.
After swallowing
Do not induce vomiting. Get medical attention.

Personal protective equipment for first-aid responders: No data available.
Most important symptoms/effects,acute and delayed: No data available.
Indication of immediate medical attention and special treatment needed: No data available.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Suitable extinguishing media:
Use extinguishing agent suitable for local conditions and the surrounding environment. Such as dry powder , CO_2.
Unsuitable extinguishing media: No data available.
Specific Hazards arising from the chemical: No data available.
Specific protective actions for fire-fighters:
Protective equipment: Wear self-contained respirator.Wear fully protective impervious suit.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Normal use does not require special measures , industrial production in the long term, refer to the following :
Personal precautions:
Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
Protective equipment:
No data available.
Emergency procedures:
Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.
Environmental precautions:
Do not allow material to be released to the environment without proper governmental permits.
Methods and materials for containment and cleaning up:
For all waste handing must refer to United Nations, National and Local Regulations for disposal.
See Section 7 for information on safe handing.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

**** SECTION 7 - HANDLING and STORAGE ****

Normal use does not require special measures , industrial production in the long term, refer to the following :

Handling:

Storage in a cold, dry, well ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container. Stay away from taboo, such as strong oxidizing agents.

Information about fire and explosion protection:

The product is non-flammable.

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool place. Keep container closed, store in a dry and ventilated place.

Information about storage in one common storage facility:

Moisture absorption.

Further information about storage conditions:

Keep container tightly sealed.

Specific and use:

No data available.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Control parameters

CAS#	ACGIH	NIOSH	OSHA
9003-11-6	N/A	N/A	N/A
1332-37-2	N/A	REL-TWA 5mg/m^3 REL-TWA 10mg/m^3	PEL-TWA 5mg/m^3 PEL-TWA 15mg/m^3
471-34-1	N/A	REL-TWA 5mg/m^3 REL-TWA 10mg/m^3	PEL-TWA 5mg/m^3 PEL-TWA 15mg/m^3
1332-58-7	TLV-TWA 2mg/m^3 TLV-STEL 10mg/m^3	REL-TWA 5mg/m^3 REL-STEL 15mg/m^3	PEL-TWA 5mg/m^3 PEL-TWA 15mg/m^3

Engineering Control:

The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Remove all soiled and contaminated clothing immediately.
Wash hands before breaks and at the end of work.

Personal Protective Equipment

Respiratory protection: Wear suitable protective mask in order to reduce the respiratory system. A large number of leakages, wear chemical protective clothing, including self-contained breathing apparatus.

Hand Protection: Wear appropriate protective gloves to reduce skin contact.

Eyes Protection: Wear safety goggles or eye protection combined with respiratory protection.

Skin and Body Protection: Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIALS ZONE A,
HUAQIAO INDUSTRIAL PARK,DONGHUA COUNTY, YINGDE CITY, CHINA

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Information on basic physical and chemical properties

Physical State:	Liquid
Color:	Red brown viscous
Odor:	Not available
pH:	N/A
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Autoignition Temperature:	Not available
Flash Point:	>100℃（Closed cup）
Explosion Limits, lower:	Not available
Explosion Limits, upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Not soluble in water
Specific Gravity/Density:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Stable.
Possibility of hazardous reaction: No data available.
Conditions to Avoid: Incompatible materials.
Incompatible materials: No data available.
Hazardous Decomposition Products: Carbon oxide.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Acute Toxicity:

CAS#	LC50/LD50
9003-11-6	No data available.
1332-37-2	LD50 Rat (oral): 6450mg/kg
471-34-1	No data available.
1332-58-7	No data available.

Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or Skin sensitization: No data available.
Germ Cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.
Specific target organ toxicity-Single exposure: No data available.
Specific target organ toxicity-Repeated exposure: No data available.
Aspiration hazard: No data available.
Information on the likely routes of exposure: No data available.

Eye: No data available.
Skin: No data available.
Ingestion : No data available.
Inhalation: No data available.

**** SECTION 12 - ECOLOGICAL INFORMATION ***

Ecological Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Other adverse effects: No data available.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Waste treatment methods
Recommendation:
Consult state, local or national regulations to ensure proper disposal.
Uncleaned packaging
Recommendation: Disposal must be made according to official regulations.

**** SECTION 14 - TRANSPORT INFORMATION ****

UN Number **IATA, IMDG**	N/A
UN Proper shipping name **IATA, IMDG**	N/A
Transport hazard class(es) **IATA, IMDG**	Not Subjected for transport of dangerous goods
Packing group **IATA, IMDG**	N/A
Environmental hazards **Marine pollutant:**	No
Special precautions for user	No information available.

Transport Fashion: By air, by sea, by road, by railway.

**** SECTION 15 - REGULATORY INFORMATION ****

Safety, health and environmental regulations/legislation specific for the substance or mixture

CAS#	TSCA	IECSC	DSL/NDSL	EINECS/ELINCS/NLP
9003-11-6	Listed	Listed	Listed DSL	Listed
1332-37-2	Listed	Listed	Listed DSL	Listed
471-34-1	Listed	Listed	Listed DSL	Listed
1332-58-7	Listed	Listed	Listed DSL	Listed

**** SECTION 16 - OTHER INFORMATION ****

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIALS ZONE A,
HUAQIAO INDUSTRIAL PARK,DONGHUA COUNTY, YINGDE CITY, CHINA

Notice to reader.
To the best of our knowledge, the information contained herein is accurate.
Other Information:
CAS: (Chemical Abstracts Service);
EC: (European Commission);
ACGIH: (American Conference of Governmental Industrial Hygienists);
NIOSH: (US National Institute for Occupational Safety and Health);
OSHA: (US Occupational Safety and Health);
TLV: (Threshold Limit Value)
TWA: (Time Weighted Average);
STEL: (Short Term Exposure Limit);
PEL: (Permissible Exposure Level);
REL: (Recommended Exposure Limit);
PC-STEL: (Permissible concentration-time weighted average);
PC-TWA: (Permissible concentration-short time exposure limit);
LC50: (Lethal concentration, 50 percent kill);
LD50: (Lethal dose, 50 percent kill);
IARC: (International Agency for Research on Cancer）;
EC50: (Median effective concentration);
BCF: (Bioconcentration Factor);
BOD: (Biochemical oxygen demand);
NOEC: (No observed effect concentration);
NTP: (US National Toxicology Program);
RTECS: (Registry of Toxic Effects of Chemical Substances);
IATA: (International Air Transport Association);
IMDG: (International Maritime Dangerous Goods);
TOG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);
TOC: (Total Organic Carbon);
TSCA: (Toxic Substances Control Act of USA);
DSL: (the Domestic Substances List of Canada);
NDSL: (the Non-domestic Substances List of Canada)

Company Name: Guangdong JRace New Material Co., Ltd

Dated: 2025-01-01

**** END OF REPORT****

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIAL ZONE A,
HUAQIAO INDUSTRIAL PARK, DONGHUA COUNTY, YINGDE CITY, GUANGDONG, CHINA

**** MATERIAL SAFETY DATA SHEET ****

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: SBR GRANULES
Synonyms: Sport flooring material
Company Identification: Guangdong JRace New Material Co., Ltd
Address: No.1, Hanhe One Road, New Materials Zone A, Huaqiao Industrial Park, Donghua County, Yingde City, Guangdong, China
For information, call: 020-37286070
For emergencies, call: 020-37286070
E-mail: 3556099560@qq.com

**** SECTION 2 - HAZARDS IDENTIFICATION ****

Emergency overview : None

Classification according to GHS
Not a dangerous substance according to GHS.

Label elements
Hazard pictogram(s): No data available
Signal word: No data available
Hazard statement(s): No data available
Precautionary statement(s):
Prevention: No data available
Response: No data available
Storage: No data available
Disposal: No data available

Other hazards
Physical and chemical hazards: See Section 10
Human health hazards: See Section 11
Environmental hazards: See Section 12

**** SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical characterization: Mixture.

Component	CAS#	EC#	Weight(%)
SBR	9003-55-8	---	100

**** SECTION 4 - FIRST AID MEASURES ****

Description of first aid measures
General information Normal use does not require special measures , industrial production in the long term , refer to the following :
After eye contact
Flush eyes with water.
After skin contact
Wash with water and soap.
After inhalation
Remove victim to fresh area.
After swallowing
Do not induce vomiting. Get medical attention.

Personal protective equipment for first-aid responders: No data available.
Most important symptoms/effects,acute and delayed: No data available.
Indication of immediate medical attention and special treatment needed: No data available.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Suitable extinguishing media:
Use extinguishing agent suitable for local conditions and the surrounding environment. Such as dry powder , CO_2.
Unsuitable extinguishing media: No data available.
Specific Hazards arising from the chemical: No data available.
Specific protective actions for fire-fighters:
Protective equipment: Wear self-contained respirator.Wear fully protective impervious suit.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Normal use does not require special measures , industrial production in the long term, refer to the following :
Personal precautions:
Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
Protective equipment:
No data available.
Emergency procedures:
Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.
Environmental precautions:
Do not allow material to be released to the environment without proper governmental permits.
Methods and materials for containment and cleaning up:
For all waste handing must refer to United Nations, National and Local Regulations for disposal.
See Section 7 for information on safe handing.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIAL ZONE A,
HUAQIAO INDUSTRIAL PARK, DONGHUA COUNTY, YINGDE CITY, GUANGDONG, CHINA

**** SECTION 7 - HANDLING and STORAGE ****

Normal use does not require special measures , industrial production in the long term, refer to the following :

Handling:

Storage in a cold, dry, well ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container. Stay away from taboo, such as strong oxidizing agents.

Information about fire and explosion protection:

The product is non-flammable.

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool place. Keep container closed, store in a dry and ventilated place.

Information about storage in one common storage facility:

Moisture absorption.

Further information about storage conditions:

Keep container tightly sealed.

Specific and use:

No data available.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Control parameters

CAS#	ACGIH	NIOSH	OSHA
9003-55-8	N/A	N/A	N/A

Engineering Control:

The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Remove all soiled and contaminated clothing immediately.
Wash hands before breaks and at the end of work.

Personal Protective Equipment

Respiratory protection: Wear suitable protective mask in order to reduce the respiratory system. A large number of leakages, wear chemical protective clothing, including self-contained breathing apparatus.

Hand Protection: Wear appropriate protective gloves to reduce skin contact.

Eyes Protection: Wear safety goggles or eye protection combined with respiratory protection.

Skin and Body Protection: Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Information on basic physical and chemical properties

Physical State: Granule

Color:	Black
Odor:	Rubbery
pH:	N/A
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	Solid in itself
Autoignition Temperature:	Not available
Flash Point:	Not available
Explosion Limits, lower:	Not available
Explosion Limits, upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Not soluble in water
Specific Gravity/Density:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Stable.
Possibility of hazardous reaction: No data available.
Conditions to Avoid: Incompatible materials.
Incompatible materials: No data available.
Hazardous Decomposition Products: Carbon oxide.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Acute Toxicity:

CAS#	LC50/LD50
9003-55-8	No data available.

Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or Skin sensitization: No data available.
Germ Cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.
Specific target organ toxicity-Single exposure: No data available.
Specific target organ toxicity-Repeated exposure: No data available.
Aspiration hazard: No data available.
Information on the likely routes of exposure: No data available.
Eye: No data available.
Skin: No data available.
Ingestion : No data available.
Inhalation: No data available.

**** SECTION 12 - ECOLOGICAL INFORMATION ***

Ecological Toxicity: No data available.

Persistence and degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Other adverse effects: No data available.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Waste treatment methods
Recommendation:
Consult state, local or national regulations to ensure proper disposal.
Uncleaned packaging
Recommendation: Disposal must be made according to official regulations.

**** SECTION 14 - TRANSPORT INFORMATION ****

UN Number **IATA, IMDG**	N/A
UN Proper shipping name **IATA, IMDG**	N/A
Transport hazard class(es) **IATA, IMDG**	Not Subjected for transport of dangerous goods
Packing group **IATA, IMDG**	N/A
Environmental hazards **Marine pollutant:**	No
Special precautions for user	No information available.

Transport Fashion: By air, by sea.

**** SECTION 15 - REGULATORY INFORMATION ****

Safety, health and environmental regulations/legislation specific for the substance or mixture

CAS#	TSCA	IECSC	DSL/NDSL	EINECS/ELINCS/NLP
9003-55-8	Listed	Listed	Listed DSL	Listed

**** SECTION 16 - OTHER INFORMATION ****

Notice to reader.
To the best of our knowledge, the information contained herein is accurate.
Other Information:
CAS: (Chemical Abstracts Service);
EC: (European Commission);
ACGIH: (American Conference of Governmental Industrial Hygienists);
NIOSH: (US National Institute for Occupational Safety and Health);
OSHA: (US Occupational Safety and Health);
TLV: (Threshold Limit Value)
TWA: (Time Weighted Average);

STEL: (Short Term Exposure Limit);
PEL: (Permissible Exposure Level);
REL: (Recommended Exposure Limit);
PC-STEL: (Permissible concentration-time weighted average);
PC-TWA: (Permissible concentration-short time exposure limit);
LC50: (Lethal concentration, 50 percent kill);
LD50: (Lethal dose, 50 percent kill);
IARC: (International Agency for Research on Cancer）;
EC50: (Median effective concentration);
BCF: (Bioconcentration Factor);
BOD: (Biochemical oxygen demand);
NOEC: (No observed effect concentration);
NTP: (US National Toxicology Program);
RTECS: (Registry of Toxic Effects of Chemical Substances);
IATA: (International Air Transport Association);
IMDG: (International Maritime Dangerous Goods);
TOG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);
TOC: (Total Organic Carbon);
TSCA: (Toxic Substances Control Act of USA);
DSL: (the Domestic Substances List of Canada);
NDSL: (the Non-domestic Substances List of Canada)

Company Name: Guangdong JRace New Material Co., Ltd

Dated: 2025-01-01

**** END OF REPORT****

GUANGDONG JRACE NEW MATERIAL CO., LTD
ADD.: NO.1, HANHE ONE ROAD, NEW MATERIALS ZONE A,
HUAQIAO INDUSTRIAL PARK,DONGHUA COUNTY, YINGDE CITY, CHINA

**** MATERIAL SAFETY DATA SHEET ****

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Single Component PU Binder; PU Binder; Sport Flooring Material
Synonyms: Sport flooring material
Company Identification: Guangdong JRace New Material Co., Ltd
Address: N0.1, Hanhe One Road, New Materials Zone A, Huaqiao Industrial Park, Donghua County, Yingde City, Guangdong Province, China
For information, call: 020-37286070
For emergencies, call: 020-37286070
E-mail: 3556099560@qq.com

**** SECTION 2 - HAZARDS IDENTIFICATION ****

Emergency overview : None

Classification according to GHS
Not a dangerous substance according to GHS.

Label elements
Hazard pictogram(s): No data available
Signal word: No data available
Hazard statement(s): No data available
Precautionary statement(s):
Prevention: No data available
Response: No data available
Storage: No data available
Disposal: No data available

Other hazards
Physical and chemical hazards: See Section 10
Human health hazards: See Section 11
Environmental hazards: See Section 12

**** SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical characterization: Mixture.

Component	CAS#	EC#	Weight(%)
Polyurethane resin	9017-09-8	923-227-5	100

**** SECTION 4 - FIRST AID MEASURES ****

Description of first aid measures
General information Normal use does not require special measures , industrial production in the long term , refer to the following :
After eye contact
Flush eyes with water.
After skin contact
Wash with water and soap.
After inhalation
Remove victim to fresh area.
After swallowing
Do not induce vomiting. Get medical attention.

Personal protective equipment for first-aid responders: No data available.
Most important symptoms/effects,acute and delayed: No data available.
Indication of immediate medical attention and special treatment needed: No data available.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Suitable extinguishing media:
Use extinguishing agent suitable for local conditions and the surrounding environment. Such as dry powder , CO_2.
Unsuitable extinguishing media: No data available.
Specific Hazards arising from the chemical: No data available.
Specific protective actions for fire-fighters:
Protective equipment: Wear self-contained respirator.Wear fully protective impervious suit.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Normal use does not require special measures , industrial production in the long term, refer to the following :
Personal precautions:
Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
Protective equipment:
No data available.
Emergency procedures:
Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.
Environmental precautions:
Do not allow material to be released to the environment without proper governmental permits.
Methods and materials for containment and cleaning up:
For all waste handing must refer to United Nations, National and Local Regulations for disposal.
See Section 7 for information on safe handing.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

**** SECTION 7 - HANDLING and STORAGE ****

Normal use does not require special measures , industrial production in the long term, refer to the following :

Handling:

Storage in a cold, dry, well ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container. Stay away from taboo, such as strong oxidizing agents.

Information about fire and explosion protection:

The product is non-flammable.

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool place. Keep container closed, store in a dry and ventilated place.

Information about storage in one common storage facility:

Moisture absorption.

Further information about storage conditions:

Keep container tightly sealed.

Specific and use:

No data available.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Control parameters

CAS#	ACGIH	NIOSH	OSHA
9017-09-8	N/A	N/A	N/A

Engineering Control:

The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Remove all soiled and contaminated clothing immediately.
Wash hands before breaks and at the end of work.

Personal Protective Equipment

Respiratory protection: Wear suitable protective mask in order to reduce the respiratory system. A large number of leakages, wear chemical protective clothing, including self-contained breathing apparatus.

Hand Protection: Wear appropriate protective gloves to reduce skin contact.

Eyes Protection: Wear safety goggles or eye protection combined with respiratory protection.

Skin and Body Protection: Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Information on basic physical and chemical properties

Physical State: Viscous liquid
Color: Pale yellow

JRACE SPORTS FLOORING

SP SYSTEM

PHYSICAL AND MACHANICAL PROPERTIES (GB/T 36246-2018)				
Item	**Unit**	**Standard**	**Test Result**	**Assess**
Thickness	mm	≥13	15	---
Shock absorption	%	35~50	0℃±2℃: 34 23℃±2℃: 36 50℃±2℃: 37	Pass
Vertical deformation	mm	0.6-3.0	2.9	Pass
Anti-skid value (20℃, BPN)	---	≥47	49	Pass
Tensile Strength	Mpa	Nonporous: ≥0.5	0.73	Pass
Elongation at break	%	Nonporous: ≥40	160	Pass
Flame retardant	---	I Grade	I Grade	Pass
Surface durability (500h artificial weathering)	Mpa	Tensile strength (nonporous): ≥0.5	0.89	Pass
	%	Elogation at break(nonporous): ≥40	226	
Content of inorganic filler	%	≤65	42.7	Pass

RELEASED AMOUNT OF HARMFUL SUBSTANCE TEST REPORT (GB/T 36246-2018)				
Item	**Unit**	**Standard**	**Test Result**	**Assess**
Total volatile organic compounds（TVOC）	mg/(m2•h)	≤5.0	3.2	Pass
Formaldehyde	mg/(m2•h)	≤0.4	0.1	Pass
Benzene	mg/(m2•h)	≤0.1	N.D.	Pass
Sum of toluene, xylene and ethylbenzene	mg/(m2•h)	≤1.0	0.02	Pass
Carbon disulfide	mg/(m2•h)	≤7.0	N.D.	Pass

Remark: for further information please refer to the product data sheets or contact our technical service. All data are approximate values. Therefore no liability claims can be derived from the system data sheet. As all JRace data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see www.jracesports.com or contact us directly). Date of issue: April 2018– all technical information is subject to change without prior notice

Guangdong JRace New Material Co., Ltd www.jracesports.com
Cindy Email: sales1@jracesport.com Tel.:+86 15817170571

Odor:	Not available
pH:	N/A
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Autoignition Temperature:	Not available
Flash Point:	>100℃（Closed cup）
Explosion Limits, lower:	Not available
Explosion Limits, upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Not soluble in water
Specific Gravity/Density:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Stable.
Possibility of hazardous reaction: No data available.
Conditions to Avoid: Incompatible materials.
Incompatible materials: No data available.
Hazardous Decomposition Products: Carbon oxide.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Acute Toxicity:

CAS#	LC50/LD50
9017-09-8	No data available.

Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or Skin sensitization: No data available.
Germ Cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.
Specific target organ toxicity-Single exposure: No data available.
Specific target organ toxicity-Repeated exposure: No data available.
Aspiration hazard: No data available.
Information on the likely routes of exposure: No data available.
Eye: No data available.
Skin: No data available.
Ingestion : No data available.
Inhalation: No data available.

**** SECTION 12 - ECOLOGICAL INFORMATION ***

Ecological Toxicity: No data available.
Persistence and degradability: No data available.

Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Other adverse effects: No data available.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Waste treatment methods
Recommendation:
Consult state, local or national regulations to ensure proper disposal.
Uncleaned packaging
Recommendation: Disposal must be made according to official regulations.

**** SECTION 14 - TRANSPORT INFORMATION ****

UN Number **IATA, IMDG**	N/A
UN Proper shipping name **IATA, IMDG**	N/A
Transport hazard class(es) **IATA, IMDG**	Not Subjected for transport of dangerous goods
Packing group **IATA, IMDG**	N/A
Environmental hazards **Marine pollutant:**	No
Special precautions for user	No information available.

Transport Fashion: By air, by sea, by road, by railway.

**** SECTION 15 - REGULATORY INFORMATION ****

Safety, health and environmental regulations/legislation specific for the substance or mixture

CAS#	TSCA	IECSC	DSL/NDSL	EINECS/ELINCS/NLP
9017-09-8	Listed	Listed	Listed DSL	Listed

**** SECTION 16 - OTHER INFORMATION ****

Notice to reader.
To the best of our knowledge, the information contained herein is accurate.
Other Information:
CAS: (Chemical Abstracts Service);
EC: (European Commission);
ACGIH: (American Conference of Governmental Industrial Hygienists);
NIOSH: (US National Institute for Occupational Safety and Health);
OSHA: (US Occupational Safety and Health);
TLV: (Threshold Limit Value)
TWA: (Time Weighted Average);
STEL: (Short Term Exposure Limit);