MATERIAL SAFETY DATA SHEET

Product Name : Tire sealant

Applicant : Taixing Shuanglun Huaihe Vehicle Parts Co.,Ltd .

Address : Taixing Village,Binjiang Town,Taixing City,Jiangshu,China

Signed by Shanghai OUTAO Testing Technology Service Co., Ltd

Written by : **Preeti.Deng**

Date: Jun. 08th , 2022

Shanghai OUTAO Testing Technology Service Co., Ltd
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MATERIAL SAFETY DATA SHEET

Section 1 – Chemical Product and Company Identification

Product name	Shuanglun™ Tire sealant
Model	29.5mL/Piece
Applicant	Taixing Shuanglun Huaihe Vehicle Parts Co.,Ltd .
Address	Taixing Village,Binjiang Town,Taixing City
Post code	225443
Manufacturer	Taixing Shuanglun Huaihe Vehicle Parts Co.,Ltd .
Address	Taixing Village,Binjiang Town,Taixing City
Post Code	225443
Tel	+0086-523-8745088
Contact Person	Ba Quan,Gui
E-mail	491716219@qq.com
Website	www.sllzp.com
Information in case of emergency	
Contact	Mr.Gu
Mobile	+86-13365238898
E-mail	491716219@qq.com

Section 2 – Hazards Identification

Emergency overview	This chemical is considered non-hazardous according to the OSHA Hazard Communication Standard 2012. It is verified the low concern based on experimental and modeled data.
Label Elements Symbol(s)	
Signal Words	Danger !
GHS classification	H340: May cause genetic defects [Danger Germ cell mutagenicity] H350: May cause cancer [Danger Carcinogenicity]
Hazard Statement	Carc. 1A Muta. 1B
Precautionary Statement Codes	P210 :Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking; P222: Do not allow contact with air; P230: Keep wetted with P280: Wear protective gloves/protective clothing/eye protection/ face protection/hearing protection/ P318: If exposed or concerned, get medical advice. P377: Leaking gas fire: Do not extinguish, unless leak can be stopped safely. P381: In case of leakage, eliminate all ignition sources. P403: Store in a well-ventilated place. P405: Store locked up. P501: Dispose of contents/container to ...
Ingestion	No data available
Inhalation	No data available

Section 3 – Composition/Information on Ingredient

Composition	CAS No.	EC. No.	Molecular Formula	Weight. ./ %	Molecular Weight %
Polyisobutene	9003-27-4	204-066-3	C_4H_8 OR $CH_2=C(CH_3)_2$	80%	56.11
Isophorone	78-59-1	201-126-0	$C_9H_{14}O$	15%	138.21
Abietic acid	8050-09-7	232-475-7	$C_{20}H_{30}O_2$	5%	302.5

Section 4 – First Aid Measures

Inhalation Remove from exposure, lie down. Remove to fresh air. If symptoms persist, call a physician.

Skin contact Wash off immediately with soap and plenty of water in the case of skin irritation or allergic reactions see a physician.

Eye contact Rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take for medical attention.

Ingestion Do NOT induce vomiting. Drink plenty of water. Rinse mouth.

Protection of first-aiders Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Section 5 – Fire Fighting Measures

Specific hazards A very dangerous fire and explosion hazard when exposed to heat or flame.Highly flammable, dangerous fire, and explosion risk.

Flash point No data available

Ignition Temperature 465 °C

Explosive Limits No data available

Hazardous decomposition materials (under fire condition) Carbon monoxide, carbon dioxide and other combustion material

Suitable extinguishing media Foam, water spray, dry chemical powder, carbon dioxide, sandy soil

Specific methods Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.

Special protective equipment for firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures Avoid contact with the skin and the eyes. Evacuate personnel to safe areas. Use personal protective equipment. Keep people away from and upwind of spill/leak.

Environmental precautions	Prevent entering drains. Do not flush into surface water or sanitary sewer system. Prevent entry into waterways,basements or confined areas. See Section 12 for additional Ecological information.
Methods and materials for containment and cleaning up	Collect large liquid spills. Prevent leakage or spillage. Soak up with inert absorbent material. Place the bulk of any spilled material into properly labeled containers. Clean up in accordance with all applicable regulations.
Side hazard of protective Measures	Remove all sources of ignition.Fire-extinguishing devices should be prepared in case of a fire.
Additional Advice	As in any fire, wear self-contained breathing apparatus . Thermal decomposition can lead to release of irritating gases and vapors.

Section 7 – Handling and Storage

Handling	Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Ensure adequate ventilation. Use only in area provided with appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
Storage	Keep container closed.Store in a cool,dry, well-ventilated place Away from high temperature.Keep container sealed until use.

Section 8 – Exposure Controls, Personal Protection

Exposure guidelines	This product does not contain any hazardous substances that meet the occupational exposure limits set by OSHA .
Engineering controls	Wear self-contained breathing apparatus .Keep container sealed until use.
Exposure limits	No data available
Personal protective equipment	Wear self-contained breathing apparatus
Respiratory protection	Use respirators approved under appropriate government standards .
Hand protection	Chemical resistant gloves
Eye / Face protection	Safety glasses with side shields or goggles.
Skin and body protection:	Lightweight protective clothing. Avoiding the prolonged or repeated skin contact.

Section 9 – Physical and Chemical Properties

Physical appearance(20°C)	White grease
Odor	Odorless
Odor threshold	No data available
pH	No data available
Boiling point/range	No data available
Freezing point/range	<0 °C
Flash Point	No data available
Explosion Limits	No data available
Lower	No data available
Upper	No data available
Ignition Temperature	465 °C
Vapour Pressure	1.94 (Air = 1)
Vapour Density	2,308 mm Hg at 25 °C

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Density	0.6 at 20 °C
Solubility	It is soluable in the water

Section 10 – Stability and Reactivity

Stability	Stable under recommended storage conditions.
Reactivity	Not reactive under normal conditions of storage and use.
Conditions to avoid	Avoid to contact with incompatible material.
Incompartible materials	Oxidizing agents,strong acids
Hazardous decomposition products	Carbon monoxide (CO), Carbon dioxide (CO_2)

Section 11 – Toxicological Information

Acute Toxicity

Polyisobutene	LC50 Mouse inhalation 415 mg/L/2 hr LC50 Rat inhalation 620 mg/L/4 hr
Isophorone	LD50 Rat oral 1000-3450 mg/kg LC50 Rabbit dermal 1380 mg/kg LC50 Rat inhalation 7000 mg/cu m/4 hr LD50 Mouse oral 2.0 g/kg
Abietic acid	Rat inhalation: lethal concentration (50 percent kill): 110 mg/m3 Rat oral : lethal dose (50 percent kill): 7600 mg/kg LD50 mouse intravenous 180 mg/kg

Skin corrosion/irritation	Isophorone	Rabbit skin: 100 mg/24H
Serious eye damage/irritation		Serious eye damage
Respiratory Irritation		May cause respiratory irritation
Respiratory or Skin Sensitisation		May cause respiratory sensitisation and skin sentisation
Aspiration Hazard		No data available
Germ cell mutagenicity:		No data available
Carcinogenicity	Polyisobutene	Rat inhalation: Tumorigenic- carcinogenic by RTECS criteria; Endocrine: Thyroid tumors
	Isophorone	Mouse oral: Tumorigenic: Carcinogenic by RTECS criteria; Kidney, Ureter, and Bladder: Kidney tumors
IARC =	/	
NTP =	/	
Reproductive toxicity	Isophorone	Mouse inhalation 115 ppm (6-15D pregnant)

Section 12 – Ecological Information

Ecotoxicity	No data available
Fish	No data available
Crustacea	No data available
Algae	No data available
Persistence/ degradability	No data available
Bioaccumulative potential (BCF)	No data available
PBT results	Not data available

vPvB resuilts	Not data available
Mobility in soil	Not data available

Section 13 – Disposal Considerations

Material Disposal	Do not dispose into the environment, prevent entering the drains.
Container Disposal	Dispose in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.
Local Legislation	Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Section 14 – Transport Information

Land transport (as per ADR/RID classification)
This substance is not classified as dangerous under ADR/RID regulations.

Inland waterways transport (ADN)
This substance is not classified as dangerous under ADN regulations.

Sea transport (IMDG)
This substance is not classified as dangerous under IMDG regulations.

Air transport (IATA)
This substance is not classified as dangerous under IATA regulations.

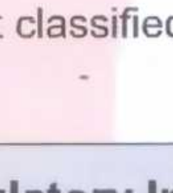
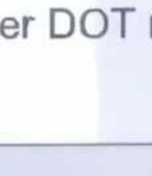
DOT (US)
This substance is not classified as dangerous under DOT regulations.

Section 15 – Regulatory Information

USA - TSCA
All compositions are listed on the TSCA inventory.
China - IECSC
All compositions are listed on the IECSC inventory.
Europe - EINECS
All compositions are listed on the EINECS inventory.
Canada - DSL/NDSL

All compositions are listed on the DSL inventory.

European/International Regulations
European Labeling in Accordance with EC Directives

Hazard Symbols:  **Health hazard**  **Irritant**

Section 16 – Additional Information

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Labelling information: H340: May cause genetic defects [Danger Germ cell mutagenicity]
H350: May cause cancer [Danger Carcinogenicity]

MSDS Creation Date: Jun.08th , 2022

This MSDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. Products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

PRODUCT PHOTO



END OF REPORT

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