

SECTION 1: Identification

1.1. Product identifier

Trade name : TAIPOL® SBR-1739

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Used in tire, rubber products, conveyer belt, black plastic products, water pipes, automobile-parts accessories and industrial products. **Do not use in food.**

1.3. Supplier's details

Company name: Shen Hua Chemical Industrial Co., Ltd.

Address: No.1 Shen Hua Road, Nantong Economic & Technological Development Zone Nantong, Jiangsu, P.R.China

Postal code: 226009

Contact person: Shen Hua Chemical Industrial Co., Ltd.

Tel: +86-513-51081105、51081106

Fax: +86-513-83595961

Email: andrew.gu@tsrc-global.com

1.4. Emergency telephone number

Emergency number : +86(513) 8359 4611

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

Skin sensitisation, Category 1 H317

Full text of H statements : see section 16

2.2. Label elements

Labelling according to the United Nations GHS

Hazard pictograms (GHS-UN) :



GHS07

Signal word (GHS-UN) :

Warning

Hazard statements (GHS-UN) :

H317 - May cause an allergic skin reaction

Precautionary statements (GHS-UN) :

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray

P280 - Wear protective gloves

P302+P352 - IF ON SKIN: Wash with plenty of water

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

P362+P364 - Take off contaminated clothing and wash it before reuse

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

Adverse physicochemical, human health and environmental effects : No information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to the United Nations GHS
Styrene-butadiene rubber	(CAS-No.) 9003-55-8	> 65.9	Not classified
Distillates, petroleum, solvent-refined heavy paraffinic (BaP ≤ 1 mg/kg, Sum of 8 PAHs ≤ 10 mg/kg)	(CAS-No.) 64741-88-4	< 28.5	Note L
Fatty acids, tallow, hydrogenated	(CAS-No.) 61790-38-3	< 3	Not classified
Rosin	(CAS-No.) 8050-09-7	< 2	Skin Sens. 1, H317

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Name	Product identifier	%	Classification according to the United Nations GHS
AO mixture	Proprietary	< 0.6	-

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Not an expected route of exposure.
First-aid measures after skin contact	: Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. Wash skin with plenty of water.
First-aid measures after eye contact	: Not an expected route of exposure.
First-aid measures after ingestion	: Not an expected route of exposure.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact	: May cause an allergic skin reaction.
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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam.
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5.2. Special hazards arising from the substance or mixture

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
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5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
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6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Mechanically recover the product.
Other information	: Dispose of materials or solid residues at an authorized site.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Stored in a place that is cool, dry, ventilated, and where sunlight cannot be directly exposed, away from heat sources, sources of ignition, and incompatible materials. In the absence of solid container constraints, it should be stacked neatly and properly spaced, and the stacking height is not greater than 10 packs.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Rosin (8050-09-7)		
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	0.05 mg/m ³ (fume)

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Rosin (8050-09-7)		
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	0.15 mg/m ³ (fume)
Czech Republic	Expoziční limity (PEL) (mg/m ³)	1 mg/m ³
Czech Republic	OEL chemical category (CZ)	Sensitizer
France	VME (mg/m ³)	0.1 mg/m ³
Latvia	OEL TWA (mg/m ³)	4 mg/m ³
Portugal	OEL chemical category (PT)	Sensitizer
Spain	OEL chemical category (ES)	Sensitizer
Switzerland	OEL chemical category (CH)	Sensitizer
Canada (Quebec)	VEMP (mg/m ³)	0.1 mg/m ³

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Materials for protective clothing : Wear suitable protective clothing
Hand protection : Protective gloves
Eye protection : No special technical protective measures are necessary.
Skin and body protection : Wear suitable protective clothing
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Colour : Dark brown.
Odour : Odourless.
Odour threshold : No data available
pH : No data available
pH solution : No data available
Relative evaporation rate (butylacetate=1) : No data available
Relative evaporation rate (ether=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : No data available
Critical temperature : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : Not flammable
Vapour pressure : No data available
Vapour pressure at 50 °C : No data available
Critical pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Relative density of saturated gas/air mixture : No data available
Density : No data available
Relative gas density : No data available
Solubility : No data available.
Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic : No data available

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Viscosity, dynamic	: No data available
Viscosity	: No data available
Viscosity, kinematic (calculated value) (40 °C)	: No data available
Explosive properties	: No data available.
Oxidising properties	: No data available.
Explosive limits	: No data available
Lower explosive limit (LEL)	: No data available
Upper explosive limit (UEL)	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Rosin (8050-09-7)	
LD50 oral rat	7600 mg/kg
LD50 dermal rabbit	> 2500 mg/kg
LC50 inhalation rat (mg/l)	1.5 mg/l/4h

Distillates, petroleum, solvent-refined heavy paraffinic (64741-88-4)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5530 mg/m ³ (Exposure time: 4 h)

Skin corrosion/irritation	: Not classified pH: No data available
Serious eye damage/irritation	: Not classified pH: No data available
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	:	Not classified
Chronic aquatic toxicity	:	Not classified

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Log Kow	No data available
Log Pow	No data available

Rosin (8050-09-7)

EC50 Daphnia 1	3.8 - 5.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h algae (1)	400 mg/l (Species: Desmodesmus subspicatus)

Distillates, petroleum, solvent-refined heavy paraffinic (64741-88-4)

LC50 fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

12.2. Persistence and degradability

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Persistence and degradability	No information available.
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12.3. Bioaccumulative potential

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Log Pow	No information available.
Log Kow	No information available.
Bioaccumulative potential	No information available.

12.4. Mobility in soil

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Mobility in soil	No additional information available
Log Pow	No information available.
Log Kow	No information available.
Ecology - soil	No information available.

12.5. Other adverse effects

Ozone	:	Not classified
Other adverse effects	:	No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
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SECTION 14: Transport information

In accordance with IMDG / IATA / UN RTDG

UN RTDG	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No

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14.6. Special precautions for user

- UN RTDG

No data available

- IMDG

No data available

- IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health, and environmental national regulations specific for the product

No additional information available

SECTION 16: Other information

Date of issue : 15/03/2019

Full text of H-statements:

H317 May cause an allergic skin reaction

SDS UN

There are no warranties which extend beyond the product description herein, and seller makes no warranty, express or implied, of fitness for particular use, merchantability or otherwise with respect to product, whether used singly or in combination with other substances or in any process, except that product sold hereunder shall conform to seller's standard sales specifications as of the date of the shipment. Without limiting the foregoing, seller does not recommend or endorse the use of product(s) in any medical application and specifically disclaims any representation or warranty, express or implied, of suitability or fitness for use or otherwise, with respect to product(s)' use in any medical application. Buyer represents and warrants that no product(s) purchased hereunder will be used in or resold into any commercial or developmental manner in connection with medical applications without seller's prior express written acknowledgement, further, buyer agrees that it will make no representations, express or implied, to any person to the effect that seller recommends or endorses the use of product(s) purchased hereunder in any medical application. This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product