

1. Identification

Product Information: Styrene-Butadiene Rubber 1502

Supplier Name: Zhejiang Weitai Rubber Co., Ltd.

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Intended use: It is used to manufacture tyres, rubber hoses (belts), shoes, water pipes, sports equipment, conveyor belts, etc.

Limited use: no information.

2. Hazards Identification

GHS Classification: Skin sensitizers 1,

Aquatic environment chronic 3

Label elements:



Signal word: warning

Hazard overview: May cause skin sensitization reactions. Be harmful chronically to aquatic organism.

Precautionary statements:

Precautions: Avoid inhalation of dust / smoke / gas / smoke / vapor / spray. Contaminated work clothes should not be allowed out of the workplace. Wear protective gloves / wear protective clothing / protective goggles / protective masks.

Incident Response: If the skin is contaminated: wash with plenty of soap and water.

If skin irritation or rash occurs: seek medical advice/visit. Wash clothes before use.

Secure storage: no information.

Disposal: the disposal of this product and container shall be in accordance with local, regional, national and international regulations.

3. Composition/Information on Ingredients

Composition information: mixture

Ingredient	CAS No.	Max.Wt.%
Styrene-Butadiene copolymer	9003-55-8	> 93.35
Hydrogenated Tallow Fatty Acid	61790-38-3	<3.9
Disproportionated Rosin	8050-09-7	<2.6
Stabilizer	Proprietary	<0.15

4. First Aid Measures

- General information: if the symptoms persist, consult your physician if you have any doubts.
- Inhalation: supply plenty of fresh air and call the doctor. If coma, should be sent to the hospital.
- Skin contact: Immediately use soap and water to clean contact area, remove contaminated clothing and shoes; if symptoms persist, consult a physician.
- Ingestion: If ingested, do not induce vomiting. Seek medical recommendation immediately and show the label.

5. Fire Fighting Measures

- Suitable fire extinguishing medium: carbon dioxide, dry powder, water or foam extinguishing agent.
- Fire extinguishing medium that is unsuitable for security reasons: high pressure faucet.
- Special Harmful Exposure: Unknown.
- Protective equipment: self-contained breathing apparatus and suitable anti-protective clothing.



6. Accidental Release Measures

- Precautions related to the human body: avoid dust, avoid contact with eyes and skin. Personal protective equipment See Section 8.
- Environmental protection measures: once the leakage enters the water source or launching system, the relevant management agencies should be notified immediately. It is not allowed to enter the sewers / surfaces or groundwater.
- Cleaning / collection measures: avoid dust generation when clean the leakage, ventilate if necessary, and put in a proper container. Prevent secondary disaster. Avoid second diffusion.
- Removal method: Transfer to the container according to local waste disposal regulations.

7. Handling And Storage

- Safe disposal: Avoid ingestion, inhalation, contact with skin and eyes. Minimize dust generation and accumulation. Shall be operated in accordance with the Industrial Hygiene Ordinance and the relevant laws and regulations.
- Recommended storage mode with any incompatibility:
- suitable storage box: metal box or wooden box. Make sure that all containers are clearly marked and free from cracks.
- Storage incompatibility: Avoid reaction with strong oxidizing agents, strong bases and strong acids.
- should be stored in a ventilated, clean, dry warehouse, is strictly prohibited open to the sun and direct sunlight, away from fire, heat, or flammable materials.
- Storage at too high temperatures for too long may consume all of the antioxidants and cause spontaneous combustion and thermal degradation. If this product is stored for more than one year or stored under abnormal conditions, please inform us before use.
- Specific end use: There is no other special purpose other than the use mentioned in the first item.

8. Exposure Controls/Personal Protection

- Allowable concentration: no.
- Engineering control method: maintain ventilation and try to remove dust if produced.
- Personal protective equipment:
- General hygiene protection measures:
 - Stay away from food, drink and feed.
 - Remove all contaminated clothing immediately.
 - Wash your hands before and after the break.
 - Avoid contacting skin and eye.
- Respiratory protection:
 - Respiratory filters should be used for transient exposure or low contamination. Self-contained breathing apparatus should be used if exposed to a longer or longer period of time.
- Hand protection: Wear gloves.

- Eye Protection : Wear safety glasses.

- Skin & Body Protection : Wear gloves and wear chemical protective clothing.

9. Physical And Chemical Properties

Appearance : Solid	Color : Canary yellow
Odor : Light fragrance	Melting Point/Freezing Point : Data not available
pH value : Data not available	Boiling Point/Boiling Range : Not Established
Decomposition Temperature : Data not available	Flash Point : Data not available
Spontaneous Temperature : Data not available	Exposure Limits : Not Available
Vapor pressure: Not Available	Vapor Density : Not Available
N-octanol/Water Partition Coefficient : Not Established	Solubility in Water : insoluble
Evaporation Rate: Data not available	Solubility in fats/ oils : Data not Available
Flammability (Solid、 Gas) : No, but the product will burn if ignited.	

10. Stability And Reactivity

- Stability : Stable at ambient temperature and pressure.
- possible hazardous reaction: None.
- Conditions to Avoid : heat, flame, spark and incompatibilities.

- Incompatible substances: strong acids, strong bases and strong oxidants.
- Hazardous decomposition products: carbon monoxide, carbon dioxide and so on.

11. Toxicological Information

- Acute toxicity:

Ingredients	Orally, Rat (LD ₅₀)	Inhalational, Rat (LC ₅₀)	Percutaneous, Rabbit (LD ₅₀)
Disproportionated Rosin	> 2800 mg/kg	–	> 2000 mg/kg
Antioxidant	16200 –21800 mg/kg	–	> 2000 mg/kg

- Skin irritation & Corrosion: Data not available
- Eye irritation & Corrosion: Data not available
- respiratory and skin sensibility: No irritation
- Sensitization: Skin: Potential Sensitizer
Disproportionated rosin: Skin: Potential sensitizers
Stabilizer : Skin: non-allergens
- Repeated exposure to toxicity data :
Disproportionate rosin: Skin: negative
Stabilizer : Skin: negative
- Carcinogenicity: No data
- Reproductive toxicity: No data
- Respiratory tract irritation: No data available.
- More toxicological information: Based on currently available information, the toxicological properties of the chemical are not fully investigated.

12. Ecological Information

- Acute toxicity:

Substance name	Test method	Species	Results
Disproportionated Rosin	LC ₁₀₀ /96h	Brachydaniorerio	<= 10 mg/L /96h
	NOELR/48h	<i>Daphnia magna</i>	750 mg/L /48h
	EL ₅₀ /72h	Selenastrumcapricornutum	> 1000 mg/L /72h
Antioxidant	LC ₅₀ /96h	Brachydaniorerio	>100 mg/L/96h
	EC ₅₀ /48h	<i>Daphnia magna</i>	0.3 mg/L/48h
	NOELR/72h	Selenastrumcapricornutum	100 mg/L/72h
	EC ₅₀ (30min)	Microorganism	> 10000 mg/L/30min

- Chronic toxicity: no data.
- Biodegradability: biodegradable.
Disproportionated rosin: Easy biodegradable, but does not meet the 10-day window law.
Stabilizer : Not biodegradable.
- Potential biological cumulativity: no data.
- Migration i n soil: no data.
- General notes
The product is not allowed to enter the groundwater, river and urban sewer systems directly.

13. Disposal Considerations

- Waste disposal method: according to local waste disposal regulations.
- Containers and packs of contaminants: burned or buried after cleaning.
- Recommendation: The product must be discarded in accordance with official regulations.

14. Transport Information

- The product is not dangerous to transport.

15. Regulation Information

CAS No 9003-55-8, 8050-09-7 and 61790-38-3 have been included in the «China's existing chemical substances list (published version) 2013 version» .

The SDS is subject to the following national standards:GB16483-2008, GB30000.1 - 2013 ~ GB30000.29 – 2013,GB13690-2009,GB / T 15098-2008,GB18218-2009 ,GB15258-2009,GB190-2009、 GB / T 15098-2008 relevant provisions, as well as the following national regulations:

Ministry of Transport, «Road Dangerous Goods Transport Management Regulations» [2013]
Regulations of the State Council on «the Administration of Hazardous Chemicals Safety » [2013]
«United Nations Transport of Dangerous Goods»

16. Other Information

Edit Standard: «Chemical safety technical specification contents and project order"» (GB/T 1643-2008) «general rules for classification and risk of chemicals"» (GB 13690-2009).

Additional information: because at present the country has not yet promulgated chemical catalogs of GHS, the GHS classification of chemicals in this SDS is according to the chemical series standard of classification for the enterprise, the warning labels and warning instructions (GB20576 ~ GB20602) classification, after the chemical catalogs of GHS issued then adjust again.

Compilation Department: Zhejiang Weitai Rubber Co., Ltd.—Quality Management department

Modification Notes: Revise the SDS according to the new standard.

Disclaimer: The above information is based on our current knowledge and familiar resources and believes that the data is correct and reliable. However, this does not constitute a guarantee against any particular product feature, and is only used as a guideline. The information in this document is based on our current knowledge and is applicable to the product as appropriate. This information does not represent a guarantee of the nature of the product. This SDS only provides information on the safety of the product for those who have been properly trained to use the product. Users who acquire SDS are required to make independent judgments on the applicability of this SDS under special conditions of use. The Company will not be liable for any damage caused by the use of this SDS for special use.