

Version: 06  
Product Name: INDIAPOL SBR-1723

Issue date: 28th Jun, 2016  
Revision date: 20<sup>th</sup> Aug , 2024

## Section 1: Identification of the Substance & the Company/ Undertaking

### 1.1 Product identifier

Product Name : INDIAPOL SBR-1723

### 1.2 Other means of identification

Synonyms : Emulsion Styrene Butadiene Rubber

### 1.3 Recommended use of the chemical and restrictions on use

Recommended Use (major use): Raw material for rubber products (tyres, water pipes, conveyor belt, automobile parts , industrial and other rubber products)

Uses advised against : No information available

### 1.4 Details of the supplier of the safety data sheet

Supplier : Indian Synthetic Rubber Private Limited  
Address : Opp. Naphtha Cracker Polymer Terminal gate, Panipat refinery, India  
Postal Code : 132140  
Phone : +91-0180-2529100  
FAX : +91-120-4871030  
E-mail : info@isrpl.co.in

### 1.5 Emergency telephone number

+91-0180-2529100

## Section 2: Hazards Identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008[CLP]**

Skin sensitization, Category 1; H317

#### Additional information

Full text of H-statement(s): see SECTION 16.

#### Adverse physicochemical, human health and environmental effects:

May cause allergic skin reaction.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008[CLP]**

**Hazard pictogram(s)-CLP:**



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**Signal word (CLP)** : Warning

**Hazard statement(s)-CLP:** H317: May cause an allergic skin reaction.

**Precautionary statement(s)-CLP:**

Prevention: P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: P302+P352: IF ON SKIN: Wash with plenty of soap and water.

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

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

Storage: P410+P403: Protect from sunlight. Store in a well ventilated place.

Disposal: P501: Dispose of contents/container in accordance with local/regional/national/  
International regulations

**2.3 Other hazards**

PBT: not yet assessed.

VPvB: not yet assessed.

## Section 3: Composition / Information on Ingredients

**3.1 Substances:**

Not applicable.

**3.2 Mixtures:**

<i>Ingredient name</i>	<i>Product identifier</i>	<i>% (w/w)</i>	<i>Classification according to Regulation (EC) no.1272/2008 (CLP)</i>
Styrene-Butadiene Copolymer	CAS-No. 9003-55-8	>65.9%	Not classified.
Extracts (petroleum),solvent-refined heavy paraffinic distillate solvent (PCA<3 %)	CAS-No. 68783-04-0 EC-No. 272-180-0 EC-Index-No- 649-532-00-0	<28.5%	Note L
Vegetable Fatty acids,C14-C18	CAS-No(s). 57-10-3,112-80-1,60-33-3 EC-No. 200-312-9,204-007-1,200-470-9	<3%	Not classified.
Disproportionate Rosin	CAS-No. 8050-09-7 EC-No. 232-475-7 EC-Index-No- 650-015-00-7	<2%	Skin Sens. 1; H317
AO mixture	Proprietary	<0.6%	--

Full text of H-statements: see section 16

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## Section 4: First Aid Measures

### 4.1 Description of first aid measures

#### General notes:

Spontaneous penetration of styrene-butadiene rubber into human organism is impossible. Styrene-butadiene rubber at normal conditions is stable and non-volatile.

Under high temperatures and during rubber processing release of monomer vapours are possible which in poor ventilated areas may cause irritation of eyes mucous and upper respiratory ways.

Contact with eyes may cause mechanical damage, irritation of eye's mucous, delacrimation.

No significant health hazard in normal industrial use conditions.

Contact with melted/ heated product may cause thermal burns.

#### Following inhalation:

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

#### Following skin contact:

Wash with soap and plenty of water. If skin sensitization occurs: Get medical attention.

#### Following eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

#### Following ingestion:

Rinse mouth. Never give anything through mouth to an unconscious person. Call a POISON Centre or doctor if you feel unwell.

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

May cause an allergic skin reaction.

### 4.3 Indication of the immediate medical attention and special treatment needed

Treat symptomatically.

## Section 5: Fire-Fighting Measures

### 5.1 Extinguishing media

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to Class A category fire, i.e. fire extinguisher media should belongs to water/CO<sub>2</sub>/foam/powder type, as per suitability.

**Unsuitable extinguishing media:** No information available.

### 5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating or toxic gases/vapours: carbon oxides, nitrogen oxides.

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### 5.3 Protective equipment and precautions for firefighters

Evacuate personnel to safe areas. Move containers from fire area if you can do it without risk. Cool drums with water spray. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Stay upwind. Ensure adequate ventilation, especially in confined areas.

## Section 6: Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel:

Emergency procedures: Only Personnel equipped with suitable protective equipment may intervene, avoid breathing dust/gas/mist/vapours/spray.

#### 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)

### 6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

### 6.3 Methods and material for containment and cleaning up

For contaminant: collect spillage.

Methods for cleaning up: Notify authorities if product enters sewers or public waters. Clean by sweeping or vacuum.

Other information: dispose of materials or solid residues at an authorized site.

### 6.4 Reference to other SECTIONS

See SECTION 13 for further information

## Section 7: Handling and Storage

### 7.1 Precautions for safe handling

Precautions:

Handle in accordance with good industrial hygiene and safety practice (legal requirements). Ensure adequate ventilation, especially in confined areas. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not eat, drink or smoke when using this product.

Hygiene measures:

Separate working clothes from town clothes. Launder separately. 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

Keep containers tightly closed/in original packaging in a dry, shaded and well-ventilated place at ambient temperature. Keep away from heat and from food, drink and animal feeding stuffs. Store in accordance with local regulations. The product shelf life is one year (under above defined storage condition) from the date of manufacture.

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**7.3 Specific end use(s)**

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

**Section 8: Exposure Control/ Personal Protection**

**8.1 Control parameters**

Rosin (8050-09-7)		
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	0.05 mg/m <sup>3</sup> (fume)
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti)(mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup> (fume)
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
France	VME (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup>
Latvia	OEL TWA (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup>
Canada (Quebec)	VEMP (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup>

**8.2 Exposure controls**

**Appropriate engineering controls:**

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

**Personal protective equipment:**

- Eye and face protection : Wear protective eye/face protection if required.
- Skin and body protection : Wear protective gloves/clothing to prevent contact.
- Respiratory protection : In case of inadequate ventilation wear respiratory protection.

**Environmental exposure controls:**

Avoid release to the environment.

**Section 9: Physical and Chemical Properties**

**9.1 Information on basic physical and chemical properties**

Physical state	Solid
Colour	Dark brown
Odour	Mild, at processing temperatures slight odour of organic compounds is possible
Odour threshold	No data available
pH	No data available
pH solution	No data available
Melting point	No data available

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Freezing point	No data available
Initial Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability	No data available
Explosive limits	No data available
Lower explosive limit (LEL)	No data available
Upper explosive limit (UEL)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density or specific gravity(ASTM D792)	0.93
Solubility(ies)	Insoluble in water. Soluble in aromatic and aliphatic solvents (benzene, toluene, heptane, hexane, gasoline)
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity (Mooney Viscosity,ML1+4 @100°C,ASTM D1646),MU	49
Explosive properties	Non explosive
Oxidising properties	No data available.

## 9.2 Other information

No information available

## Section 10: Stability and Reactivity

### 10.1 Reactivity

Stable under recommended storage and handling conditions (see SECTION 7, handling and storage).

### 10.2 Chemical stability

Stable under normal conditions of use.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 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 storage and use, hazardous decomposition products should not be produced

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## 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

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

## 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

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)

### 12.2 Persistence and degradability

No information available.

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### 12.3 Bioaccumulative potential

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

### 12.4 Mobility in soil

Ecology-soil : no information available.

### 12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

### 12.6 Other adverse effects

No information available.

## Section 13: Disposal Information

### 13.1 Waste treatment methods

- 13.1.1 Waste from Residues/Unused - Products : Disposal should be in accordance with applicable regional, national and local laws and regulations.
- 13.1.2 Contaminated Packaging : Empty containers should be taken for local recycling, recovery or waste disposal.

## Section 14: Transport Information

In accordance with ADR/Rid/IMDG/IATA/AND :

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
ADR	IMDG	IATA	ADN	RID
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



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#### 14.6 Special precautions for use;

**- Overland transport:**

Not applicable

**- Transport by sea**

Not applicable

**- Air transport**

Not applicable

**- Inland waterway transport**

Not applicable

**- Rail transport**

Not applicable

### Section 15: Regulatory Information

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

**EU regulation:**

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

##### 15.1.2. National regulations

**Germany**

VwVwS Annex reference : Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS,Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV:

Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

**Netherlands**

SZW-lijst van kankerverwekkende stoffen : Distillates, petroleum, solvent-refined heavy paraffinic,Extracts, petroleum, solvent-refined heavy paraffinic distillate solvent,Fatty acids, tallow, hydrogenated,Rosin are listed

SZW-lijst van mutagene stoffen : Distillates, petroleum, solvent-refined heavy paraffinic,Extracts, petroleum, solvent-refined heavy paraffinic distillate solvent,Rosin are listed.

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed.

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed.

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giftige stoffen – Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed.

giftige stoffen – Ontwikkeling

## Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the Product.

Pregnant/breastfeeding women working with the product must not be in direct contact with the product.

The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal.

## 5.2 Chemical safety assessment

No chemical safety assessment has been carried out

## Section 16: Other Information

### 16.1 Revision Note

Issue Date: 28<sup>th</sup> June , 2016  
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Revision Note: Periodic review.

### 16.2 Full test of H- and EUH –statements :

H317 : May cause an allergic skin reaction

SDS EU( REACH annex II)

#### Limited warranty

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. 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 Licensor's reference 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.

----- End of Safety Data Sheet -----