

# Material Safety Data Sheet

Natural Rubber is not a hazardous material. This data sheet is supplied to our customers as a courtesy.

**Astlett Rubber**  
Natural and Synthetic Rubber, Since 1885 Inc.

Date updated: August 24, 2016

## Section 1 - Identification

Material Name	All Natural Rubber Grades (TSR, SMR, SIR, STR, SVR, RSS, Crepes, DPNR, ENR)		
Manufacturer	Factories in Asia and Africa	Supplier's Name	Astlett Rubber Inc.
CAS Number	9006-04-6	Street Address	Suite 205, 277 Lakeshore Road East
HS Number	4001220000	City	Oakville
TSCA Status	CDR, TSCA 40 CFR 711.6(a)(1)	Province	Ontario
US HTS Status	Duty free	Postal Code	L6J 1H9
Canada DSL List	Yes	Telephone	905-842-2700
		e-mail	<a href="mailto:customer@astletterubber.com">customer@astletterubber.com</a>
		MSDS prepared by	<a href="#">Astlett Rubber Inc.</a>

## Section 2 - Hazards Identification

Natural rubber is not a hazardous material, with no known OSHA hazards. Handling of coagulated natural rubber is not a health hazard and does not require the presence of first aid equipment

## Section 3 - Composition / Information on Ingredients

Hazardous Ingredients	Approximate Concentration %	CAS Number	Regulated Under	LD <sub>50</sub> /LC <sub>50</sub> Species and Route
Hydroxylamine*	< 0.01	5470-11-1	TSCA 8 (b)	Unknown

\* Constant Viscosity grades [CV] only

CV grades not recommended for use with foodstuffs or pharmaceutical goods

## Section 4 - First-Aid Measures

Skin	Wash with warm water and mild soap
Eye	Irrigate with water
Inhalation	Seek medical assistance
Ingestion	Seek medical assistance, avoid consuming food in working area
General Advice	Handling of solid rubber is not a serious health hazard and does not require special first aid facilities. If in doubt, seek medical assistance

## Section 5 - Fire - Fighting Measures

Flammability	Yes	Flammability Conditions	Heat, oxidation
Exinction Means	Water sprinkler / foam, CO <sub>2</sub> or dry chemical extinguishers		
Special Procedures	None		
Upper Explosion Limit (% by volume)	Lower Explosion Limit (% by volume)		
Unknown	Unknown		
Rate of Burning	TDG Flammability Classification	Hazardous Combustion Products	
Varies	Unknown	Carbon monoxide	
Explosive Power	Sensitivity to Chemical Impact	Sensitivity to Static Discharge	
Unknown	Unknown	Unknown	

## Section 6 - Accidental Release Measures

Personal Precautions	Avoid ingestion, avoid inhalation of vapour or smoke from combustion
Emergency Procedures	No special procedures or equipment needed
Methods and Materials for Containment	No special procedures or equipment needed
Cleanup Procedures	Normal disposal according to local regulations

<b>Section 7 - Handling and Storage</b>			
Handling Requirements		No special handling requirements	
Storage Requirements		Avoid heat, direct sunlight and contact with oxidation-catalysts	
Effects of Chronic Exposure to Product		Unknown, but avoid ingestion	
LD <sub>50</sub> of Product (Route)	Irritancy of Product		Exposure Limits of Product
Unknown	Unknown		Unknown
LD <sub>50</sub> of Product (Species)	Sensitization to Product		Synergistic Materials
Unknown	Unknown		Unknown
<b>Section 8 - Exposure Controls / Personal Protection</b>			
Personal Protective Equipment		Clothing when processing	
Gloves (specify)	Respiratory (specify)	Eye (specify)	Footwear (specify)
Yes	No	No	Yes
Clothing (specify)	Other (specify)		
Yes	No special handling procedures necessary		
Engineering Controls		Ventilate during processing.	
<b>Section 9 - Physical and Chemical Properties</b>			
Material Name	All Natural Rubber Grades (TSR, SMR, SIR, STR, SVR, RSS, Crepes, DPNR, ENR)		
Appearance	Soft solid bales, colour varies	Upper/Lower Flammable Limit	Unknown
Odour	Slight	Vapour Pressure	Not applicable
Odour Threshold	Not applicable	Vapour Density	Not applicable
pH	Not applicable	Relative Density	0.92 Specific gravity
Melting Point	Not applicable	Solubility	Carbon disulfide, chlorinated hydrocarbons
Freezing Point	Glass transition at -70 °C	Partition Coefficient	Not applicable
Initial Boiling Point	Not applicable	Auto-ignition Temperature	> 300 °C
Flash Point	> 300 °C	Decomposition Temperature	Not applicable
Evaporation Rate	Not applicable	Viscosity	50 to 90 ML(1+4) at 100°C
Flammability	Yes		
<b>Section 10 - Stability and Reactivity</b>			
Reactivity	No hazardous reaction is expected when handled and stored according to normal provisions		
Conditions to Avoid	Heat, open flames, oxidation catalysts		
Stability	Stable. Oxygen, heat and light will cause oxidation, forming hydroxides and hardening. Up to 40% crystallization with long term storage		
<b>Section 11 - Toxicological Information</b>			
Routes of Exposure	Ingestion or inhalation		
Effects of Exposure	Low toxicity		
LD <sub>50</sub> Value	Unknown		
<b>Section 12 - Ecological Information</b>			
Potential for Ground Contamination	No major hazards to health. Product will biodegrade		
Potential for Water Contamination	Not hydroscopic. Exposure to water will cause mould		
Potential for Air Contamination	Ventilation not needed, strong odour fades with time		

**Section 13 - Disposal Considerations**

Disposal Method	Dispose, incinerate or reclaim in accordance with local, regional and national environmental laws and regulations
Special Procedures	None

**Section 14 - Transport Information**

Road Transport	Not regulated
Land Transport Class	55
Air Transport	Not regulated
Rail Transport	Not regulated
Sea Transport	Not regulated

**Section 15 - Regulatory Information**

Testing Standards	ASTM rubber standards
OSHA	Not regulated
DOT	Not regulated
EPA	Not regulated

**Section 16 - Other Information**

The information contained in this document is based on Astlett Rubber's current knowledge and is intended to describe natural rubber for the purposes of health, safety and environmental requirements only. It should not, therefore be construed as guaranteeing any specific property or characteristic of natural rubber.

Supplied by:

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August 24, 2016

