Material Safety Data Sheet

Produced/Export by	Thai Hua Rubber Public Company Limited 238/1 Ratchada Pisek Road, Huy Kwang, Bangkok, Thailand 10320	Contact Prepared Date	+662 274 0741 ext 822 qad@thaihua.com QAD Manager 10 March 2026

Section I : Product Information

Product	Mixture Natural Rubber (SBR)
Intended for use	General purpose rubber articles and rubber modified articles

Hazardous Material Information System

Health	1	Flammability	2	Reactivity	0	Protection	X
0 Normal use material		0 Will not burn		0 Stable		X = Consult the MSDS and supervisor	
1 Slight Hazard (temporary)		1 Possible to burn		1 Unstable if heated		For special workplace needs	
2 Health Affected (lengthy)		2 Burns if heated		2 Violent Chemical Change			
3 Extreme Danger		3 Easily Burns		3 Shock and Heat Sensitive			
4 Severe or Fatal		4 Very Easily Burns		4 May Explode			
* Chronic (Accumulates)							

Note The HMIS may not be enough hazard information for this chemical in all workplace. The HMIS system requires employee training about the sytem and the information in this MSDS.

Section 2: Ingredient Information

Chemical/Common Name	CAS-Number	%	Hazard Classification
Natural Rubber (cis 1,4 poly isoprene)	9004-06-4	97.5	None noted
Styrene Butadiene Rubber (1,3-butadiene polymer)	9003-55-8	2.5	None noted

Section 3: Hazards Identification

Emergency Overview: Product comprises of dried natural rubber crumb mixed with SBR. Stearic acid is used to enhance mixing.

Potential Acute Health Effects	Slightly hazardous in case of eye contact (irritant), of ingestion or inhalation.
Potential Chronic Health Effects	No known carcinogenic, mmutagenic, teratogenic effects. Repeated or prolonged exposure is not known to aggravate medical conditions

Section 4: First Aid Measures

Skin	Wash with warm water and mild soap
Eye	Irrigate with water
Inhalation	Fume (Burn) 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 or irritation persists, seek medical assistance

Section 5: Fire Fighting Measures

Flammability :	Yes	Flammability Condition:	Heat/Oxidation
Extinction Means:	Sprinkler Installation/ Foam		
Special Procedure	None		

Flash Point and Method	Upper Explosion limit (% by Volume)		Lower Explosion Limit (% by Volume)
> 300 C	Unknown		Unknown
Auto Ignition Temperature	TDG Flammability Classification		Hazardous Combustion Product
> 300 C	Unknown		Carbon Monoxide
Sensitivity to Chemical Impact	Rate of Burning	Explosive Power	Sensitivity to Static Discharge
Unknown	Varies	Unknown	Unknown

Section 6: Accidental Release Measures

Spill or Leak Precautions: Wear appropriate protective clothing, gloves and equipment. Collect spilled material by sweeping up solids And disposing of according to local regulations for this type of product. Major spills should be reported to the National Response Center. Spills with potential to contaminate coastal waterways must be reported to the appropriate and relevant governmental offices.

Waste disposal: All containers should be effectively labeled to facilitate the appropriate disposal or reclaim

Section 7: Handling and Storage

Engineering Controls:	Ventilation during processing
Leak and Spill Procedure:	N/A
Waste Disposal:	Bury and burn under controlled conditions/ reclaimable
Handling Procedure and Equipment:	N/A
Storage Requirement:	Avoid Heat, direct sunlight and contact with oxidative catalysts
Special Shipping Information:	None

Section 8: Exposure Control and Personal Protection

Personal Protective Equipment : Clothing when processing

Gloves (specify)	Respiratory (specify)	Eyes (specify)	Footwear (specify)
Yes	Yes	Yes	Yes
Clothing (specify)		Other (Specify)	
Yes		Protective clothing to prevent prolonged exposure to skin	

Section 9: Physical and Chemical Properties

Physical State: Solid	Odour: Slight	Appearance: Amber to Dark Brown	Odour Treshold: NA
Specific Gravity: 0.92	Vapour Pressure: NA	Vapour Density (air=1): NA	Evaporation Rate: NA
Boiling Point: NA	Freezing Point: NA	Solubility in Water (20 C): NA	pH: NA
Density (g/ml): 0.92	Water/Oil Distribution: NA		

Section 10: Stability and Reactivity

Chemical Stability	Yes
Incompatibility to other products	Heavy Metals (eg: Cu) acting as pre-oxidants
Reactivity and under what conditions	Starts to decompose above 220 C, finally releasing vapours which may be toxic and flammable near 300 C
Hazardous Decomposition Product :	Isoprene derivations; carbon monoxide

Section 11: Toxicology Properties of Products

Route of Entry Ingestion

LD50 of Product (Route)	Irritancy of Product	Exposure Limit of Product
Unknown	Unknown	Unknown
LD50 of Product (Species)	Sensitization of Product	Synergistic Material
Unknown	Unknown	Unknown

Section 12: Ecological Properties of Product

This product is not expected to present an environmental hazard. Ecological or environmental effects unknown.

Section 13: Waste Disposal of Product

Waste must be disposed of in accordance to federal, state and local environmental control regulations.

Section 14: Transport Information of Product

DOT Classification	Not a DOT controlled material
Identification	Not Applicable
Special Provision	Not Applicable

Section 15: Regulatory Information

Product does not contain a SARA S-313 toxic chemicals above DE minimal thresholds

Natural Rubber is NOT considered hazardous under OSHA hazard communication standard 29 CFR 1910.1200 or the WHMIS Canadian Legislation.

Section 16: Other Information

Contact for Product Information	Tel:(662) 274 0471	Fax:(662) 275 6861
Emergency Contact	Tel:(662) 274 0471 ext 822	
Prepared By : QARA		Prepared Date: 20 June 2024

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Sources Used

BRMA Toxicity and Safe Handling of Rubber Chemicals; British Rubber Manufacturers Associations

Health and Safety; Malaysian Natural Rubber