



Material Safety Data Sheet

Produced/Export by Chaiyapornlatex Co.,Ltd.

Office 1037 Soi Charansanitwong 46, Bangyeekan, Bangplad.Bangkok 10700 Thailand

Factory 99/3 M.10 New Asia Rd.Thanchang, Bangklum,Songkhla 90110 Thailand

Contact

Prepared

QAD Manager

Date

Section I : Product Information

Product Natural Rubber (Centrifuged Natural Rubber Latex Preserved with Ammonia)

Intended for use Dipping and Adhesive latex products.

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 system and the information in this MSDS.

Section 2: Ingredient Information

Chemical/Common Name	CAS-Number	%	Hazard Classification
Natural Rubber (cis 1,4 poly isoprene)	9006-04-6	61-62% @ solid	None Noted
Ammonia Hydroxide	21645-51-2	0-0.1%	None Noted
Ammonia	7664-41-7	--	2.3

Ammonia generated from ammonium hydroxide exists in vapor space above latex, used as preservative

Section 3: Hazards Identification

Emergency Overview: Centrifuged Natural rubber latex preserved with ammonia.

Potential Acute Health Effects Ammonia vapors may cause burning eyes, runny nose, coughing and possible chest pain

Potential Chronic Health Effects No known carcinogenic, mutagenic, 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. Seek medical advice if symptoms persist
Eye	Irrigate with water, lift lids occasionally. Seek medical aid.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Seek medical assistance
Ingestion	Seek medical assistance; avoid consuming food in working area
General Advice	Ammonia vapors may cause burning eyes, runny nose, coughing and possible chest pain



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Section 5: Fire Fighting Measures

Flammability :	No	Flammability Condition:	Heat/Oxidation
Exinction Means:	Sprinkler Installation/ Foam		
Special Procedure	Extinguish with powder or water jet, alcohol resistant foam or carbon dioxide.		
Flash Point and Method	Upper Explosion limit (% by Volume)	Lower Explosion Limit (% by Volume)	
Unknown	Unknown	Unknown	
Auto Ignition Temperature	TDG Flammability Classification	Hazardous Combustion Product	
Unknown	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. Avoid breathing vapors.
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. Keep container closed.
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:Liquid	Odour: Ammonia Odor	Appearance: White, Milky Lliquid	Odour Treshold: NA
Specific Gravity: 0.95-0.96	Vapour Pressure: 730 mm Hg	Vapour Density (air=1): NA	Evaporation Rate: NA
Boiling Point: 100 C	Freezing Point: 0 C	Solubility in Water (20 C): Dispersible	pH: 10-11
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



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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

Contact for Product Information	Tel:(66)98-2624154	Fax:(66)74-328908
Emergency Contact	Tel:(66)81-9905571	
Prepared By : Kanjana Suwanchatee/ QARA	Prepared Date:	

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