



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Substance/Preparation : Concentrate Natural Rubber Latex High and Low Ammonia

Company : TEH AH YAU RUBBER FACTORY SDN BHD
 Topah Baru Estate, Semeling, 08100 Bedong
 Kedah, West Malaysia
 Tel Nos : 04-4573616,4573617,4573619
 Fax No : 04-4573618
 Company No : 40609-P

2. COMPOSITION

Substances posing a Health Hazard
 - Ammonia Solution

Substances subject to a recognises Exposure limit

- Ammonia 25ppm in air (8 hr TWA)

3. HAZZARD IDENTIFICATION

Most Important Hazards to Man
 Irritant

Most Important Hazards to Environment
 Ammonia is a preservative against bacteria

4. FIRST AID MEASURES

Inhalation

Symptoms

Irritation to mucous membrane of respiratory tract and coughing.

Immediate First Aid

None necessary unless excessive exposure.
 Remove from source of contamination.

Medical Assistance

Seek medical advise.

Skin contact : Delayed onset of symptoms is possible.

Symptoms

Irritation due to alkalis or allergic response (dennatitis)

Immediate First Aid

Nine necessary other than washing water

Medical Assistance

If symptoms persists, seek medical advise.

Eye contact :

Symptoms

Irritation due to presence of ammonia.
 Drying of latex leaving rubber deposit.

Immediate First Aid

Irrigate with copious quantities of water minimum 15 minutes.

Medical Assistance

Seek medical advise immediately.

Ingestion :

Symptoms

Irritation to digestive system.

Immediate First Aid

Drink copious quantity of water.

Medical Assistance

Seek medical advise.



5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media
 No special requirement.

Extinguishing Media that must not be used. None
 . exposure hazards

From Preparation

Contact with unprotected skin may cause
 irritation. Water protective clothing.

From Combustion Products

Toxic fumes and smoke are liberated, wear
 breathing apparatus.

From Resulting Gases

See above

Special Protective Equipment for Fire Fighter
 Impervious overalls, boots and gloves.
 Breathing apparatus and eye protection.

6. ACCIDENTAL RELEASE MEASURES

Personal Precaution

Removal of Ignition Sources

The product is of low flammability but will burn
 in a fire when dry.

Provision for Ventilation/Respiratory Protection

Ventilation requirement only to avoid excessive
 ammonia concentration.
 Respiratory protection is required only when
 ventilation is inadequate.

Control of Dust

Not relevant.

Prevention of Skin and Eye Contact

Wear gloves, boots and goggles.

Environmental Precaution.

It is recommended that the latex is coagulated
 with acid and serum neutralised with solid
 waste normally disposed of as "Notifiable
 Waste"

7. HANDLING & STORAGE

Safe Handling Procedure

No special precautions other than wearing
 goggles etc as above.

Ensure good ventilation.

Safe storage Procedures.

Avoid storing in open vessels.

8. EXPOSURE CONTROL /PERSONNEL PROTECTION

Respiratory Protection

Ensure good ventilation. Otherwise use
 respiratory mask.

Hand Protection

Wear impermeable gloves.

Eye Protection

Wear goggles.

Skin Protection

Wear gloves and boots. Overall workwear
 maybe used.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	White suspension
Odour	Ammonia
pH	9.0-11.0
Bp	~ 100 C
Mp	N/A
Flash Point	N/A
Flammability	None
Explosive Properties	None
Oxidising Properties	N/A
Vapour Pressure	N/A
Specific Gravity	0.94 -0.95
Solubility :	
Water	Miscible with water
Oil	Insoluble



<p>10. STABILITY & REACTIVITY Condition to Avoid Exposure large surface area in poorly ventilated room.</p> <p>Materials to Avoid N/A</p> <p>Hazardous Decomposition Products Dry rubber when heated or ignited will give off toxic fumes and smoke.</p> <p>11. TOXICOLOGICAL INFORMATION LD 50 No Data Sensation No Data</p> <p>Corrosivity / Irritancy Corrosive / Irritant Resroductive Toxicity No data</p> <p>12. ECOLOGICAL INFORMATION <u>Effects of Preparation</u> No data</p> <p><u>Behaviour of Preparation</u> No data</p> <p><u>Mobility</u> No data</p> <p><u>Persistence/Biodegradability</u> Expected to be biodegradable</p> <p><u>Bioaccumulative Potential</u> No data</p> <p><u>Aquatic Toxicity /Ecotoxicity</u> No data</p>	<p>13. DISPOSAL CONSIDERATION Appropriate Disposal Method Comply with local regulation .</p> <p><u>Of Product</u> Solid waste after coagulation could be burnt in an incinerator.</p> <p><u>Of Containers</u> No special requirement.</p> <p>14. TRANSPORT INFORMATION UN No None RIS/ADR IMDG Not restricted for transport purposes.</p> <p>15. REGULATORY INFORMATION CPL Ammonia solution is irritant</p> <p>Limits None</p> <p>16. OTHER INFORMATION</p> <p>The product are manufactured</p> <p>TEH AH YAU RUBBER FACTORY SDN BHD (40609-P) Topah Baru Estate, Semeling 08100 Bedong, Kedah Darul Aman West Malaysia Tel : 04-4573616, 4573617, 4573619 Fax : 04-4573618</p> <p>Ammonia solution is present at maximum only 0.75 percent on Wet Latex.</p>
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