



TUBELESS SEALANT

Released: 2020-02-06

Version: 1.0
Revision Date: 2020-02-06

1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

Supplier: Maxima Racing Oils
9266 Abraham Way
Santee, CA 92071
USA
+1 619 449 5000

Product Name: Tubeless Sealant

Article Number: 95-07916

Applications: Tire Sealant for bicycles

Emergency Telephone: CHEMTREC +1 703 527 3887 (24 hours)

2. HAZARDS IDENTIFICATION

GHS Classification

GHS Pictogram	Aquatic Aquite	Category 3
Signal Word	None	
Hazard Statements	None	
Precautionary Statements	H402 Harmful to aquatic life	
Prevention	P273 Avoid release to the environment.	
Response	None	
Storage	None	
Disposal	P501 Dispose of contents and container in accordance with local, regional and national regulations.	
Other Hazards	None	

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	Content %	CAS Number
Propylene glycol	10-30	57-55-6
Rubber, natural (latex)	40-60	9006-04-6
Ammonium hydroxide	0.25-<0.9	1336-21-6
Cinnamaldehyde	<0.1	104-55-2

The specific identity and/or exact percentage has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation If inhaled remove to fresh air. If irritation or difficulty in breathing occurs, get medical attention.



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Skin Contact	Wash skin with soap and water. Remove clothing and shoes if contaminated. Launder clothing before reuse. If irritation or rash develops, get medical attention.
Eye Contact	Flush eyes with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists, get medical attention.
Ingestion	If conscious, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
Most Important Symptoms	May cause mild eye irritation. Prolonged skin contact may cause irritation, and allergic skin reaction in individuals allergic to natural latex. Inhalation of vapors or mists may cause allergic or asthmatic symptoms or breathing difficulties. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Indication of Immediate Medical Attention Needed	Immediate medical attention is not required.
Notes to Physician	Treat appropriately.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames.
Specific Hazards Arising From The Chemical	This material will burn although it is not easily ignited. Combustion will produce carbon oxide and unidentified organic compounds.
Special Protective Equipment And Precautions For Fire-Fighters	Firefighters should wear full emergency equipment and a NIOSH approved positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate protective equipment. Wash thoroughly after handling. See also: "Personal Protection "section 8.
Environmental Hazards	Avoid release into the environment. Report spill as required by local and federal regulations.
Methods/Materials for Cleaning up	Dike spill and collect with an inert absorbent. Place into closable containers for disposal. Collected material is handled in accordance with section 13 "Disposal Considerations".

7. HANDLING AND STORAGE



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Precautions for Safe Handling:

Avoid contact with skin, eyes and clothing. Avoid breathing vapors and mists. Wear protective clothing and equipment. Wash thoroughly with soap and water after handling.

Do not use if allergic to natural latex.

Conditions for Safe Storage

Store in a cool area away from strong oxidizing agents. Protect containers from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Limits**

Natural rubber latex, as inhalable allergenic proteins	0.001 mg/m ³ TWA inhalable (ACGIH)
Propylene glycol	10 mg/m ³ TWA (US AIHA)
Ammonium hydroxide	25 ppm TWA, 35 ppm STEL (ACGIH)
	50 ppm (35 mg/m ³) PEL (OSHA)

Appropriate Engineering Controls

Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.

Personal Protection

Respiratory Protection: None needed under normal use conditions with adequate ventilation. If exposure limits are exceeded, use a NIOSH approved respirator with organic vapor cartridges and particulate pre-filter. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

Eye Protection: Safety glasses or goggles recommended if splashing is possible.

Skin/Body Protection: No special protective clothing is normally required. If there is a potential for prolonged skin contact, wear a long sleeved shirt and apron.

Hand Protection: Use nitrile or neoprene gloves for prolonged or repeated skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	No data available
Odor	Slight ammonia odor
Odor Threshold	No data available
pH	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	No data available



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Upper Explosion Limit	No data available
Lower Explosion Limit	No data available
Vapor Pressure	No data available
Vapor Density (Air=1)	No data available
Relative Density	No data available
Solubility	Miscible in water
Partition Coefficient: n-octanol/water	No data available
Auto Ignition Temperature	No data available
Decomposition Temperature	No data available
Volatile Organic Compounds (VOC)	No data available
Viscosity	No data available

10. STABILITY AND REACTIVITY

Reactivity	Not expected to be reactive.
Chemical Stability	Stable.
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	Avoid freezing.
Incompatible Materials	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Product	Thermal decomposition may produce carbon oxides, ammonia and unidentified organic compounds.

11. TOXICOLOGICAL INFORMATION

Potential Health Hazards

Eye Contact: May cause mild irritation.

Skin Contact: Prolonged or repeated contact may cause mild irritation or dryness. Repeated skin contact may cause dermatitis. May cause an allergic skin reaction in individuals allergic to natural latex.

Inhalation: Excessive inhalation of vapors or mists may cause upper respiratory tract irritation. May cause allergic or asthmatic symptoms or breathing difficulties in individuals allergic to natural latex if inhaled.

Ingestion: Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.

Chronic Effects of Overexposure: Skin rashes, coughs, stuffy nose, asthma, and other allergic complaints and reactions in individuals allergic to natural latex.

Sensitization: Natural latex may cause sensitization in humans.



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Natural rubber	No information available
Propylene glycol	Oral rat LD50 >5000 mg/kg, Inhalation rabbit LC50 >20 mg/L/4hr, Dermal rabbit LD50 >2000 mg/kg
Ammonium hydroxide	Oral rat LD50 350 mg/kg

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Natural rubber	No information available
Propylene glycol	LC50 fish > 100 mg/L, EC50 Daphnia magna > 100 mg/L, EC50 algae > 100 mg/L
Ammonium hydroxide	96h LC50 Gambusia affinis 15 mg/L, 48h EC50 Daphnia magna 0.53 mg/L, 96h Ulva fasciata 29.2 mg/L

Biodegradation Natural rubber is expected to be inherently biodegradable.

Propylene glycol is readily biodegradable (72-100%, 28 d)

Bioaccumulation Natural rubber is not expected to bioaccumulate. Propylene glycol is not expected to bioaccumulate. Ammonium hydroxide has log Pow of -1.38, which suggests a low potential for bioaccumulation.**Mobility in soil** The product is miscible with water and has a potential for mobility in soil.**Other adverse effects:** None known.**13. DISPOSAL CONSIDERATIONS****Disposal** Dispose in accordance with all local, state and federal regulations.**14. TRANSPORT INFORMATION**

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			



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Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form

Special precautions: None known.

15. REGULATORY INFORMATION

CERCLA: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: Not classified.

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313: None

California Proposition 65: This product contains the following chemicals known to the State of California to cause cancer and reproductive toxicity: 1,3-butadiene, carbon black and lead monoxide

Chemical Inventories

Toxic Substances Control Act: All of the components of this product are listed on the TSCA inventory

16. OTHER INFORMATION

NFPA Rating (NFPA 704):

Health: 2

Fire: 1

Instability: 0

HMIS Rating:

Health: 2

Fire: 1

Physical Hazard: 0

Date of Revision: February 6, 2020

Date of Previous Revision: None

Revision History:

2/6/20: New document

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.