

SAFETY DATA SHEET
According to: 453/2010 (EU)
TOOLDIP

Vaessen Creative
Chermiekstraat 25,
6361 HB Nuth

11-01-2018

1. Identification of the substance/preparation and of the company	
Trade name	TOOLDIP artikel: 2330_901 LA - Low ammonia Colloidal suspension of cis-polyisoprene in natural rubber serum preserved with ca. 0.2 % of ammonia and lauric acid + TMTD + ZnO
Usage of the product	Rubber processing industry
Supplier identification	Vaessen Creative Chermiekstraat 25, 6361 HB Nuth Tel. +31 45 524 3771
Emergency telephone number	

2. Hazard identification	
Product classification	No major health hazards are known.
Most severe physical-chemical effects	Combustion which restricts access of air can result in the evolution of carbon monoxide gas Avoid contact with oxidation catalysts such as cobalt linoleate or naphtenate
Human health and environmental effects and symptoms	Irritant to man and can damage the environmental system

3. Composition/Information on ingredients	
Common name Chemical name Synonyms Chemical formula EINECS number CAS number	Natural Rubber Latex Not applicable Not applicable Not applicable Please see description below Please see description below
Description	LA Preserved natural rubber latex concentrate which contains colloidal suspension of natural rubber (CAS 9006-04-6, EINECS 232-689-0) serum preserved with approx. 0,2 % ammonia (CAS 1336-21-6, EINECS 215—647-6) and a mixture of lauric acid (CAS 143-07-7, EINECS 205-582-1), Tetramethyl thiuram disulphide (TMTD, CAS 137-26-8, EINECS 205-286-2) and Zinc oxide (ZnO, CAS 1314-13-2, EINECS 215-222-5). Other components are either not CHIP classified or are below the concentration limit for classification.
R-phrases	Not available

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REACH registration number	Not yet known
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4. First aid measures	
General advice	Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin and clothes. Wash thoroughly after handling. Keep container closed.
<u>Inhalation</u> Symptoms and effects of exposition	Irritation to mucous membrane of respiratory tract, coughing, dyspnoea and vomiting
Immediate first help	Not necessary unless excessive exposure to ammonia, walk away from source of contamination. Get medical aid if cough or other symptoms appear.
<u>Contact with skin</u> Symptoms and effects of exposition	Delayed onset of symptoms is possible. Allergic response (dermatitis)
Immediate first help	Wash immediately for at least 15 minutes while removing contaminated clothing and shoes. If symptoms persist seek medical advice.
<u>Contact with eyes</u> Symptoms and effects of exposition	Irritation of eyes, conjunctivitis. Drying of latex leaving a rubber deposit.
Immediate first help	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical advice immediately.
<u>Ingestion</u> Symptoms and effects of exposition	Irritation of the digestive tract
Immediate first help	If victim is conscious and alert give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Seek medical advice immediately.
5. Fire fighting measures	
General advice	Natural rubber latex, being a water dispersion cannot be ignited. Therefore Latex is not a fire hazard. However Latex which has been split and allowed to dry out completely will behave similarly to raw natural rubber, which burns at high temperatures. As in case of any fire wear a self-contained breathing apparatus in pressure-dem and full protective gear.
Suitable extinguishing media	Substance is non-combustible, use powder, alcohol resistant foam or carbon dioxide to extinguish surrounding fire.
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases	Toxic fumes and smoke are liberated.
Special protective equipment for fire-fighters	Wear self-contained breathing apparatus, protective mask, overalls, boots and gloves.
6. Accidental release measures	
Personal precautions	Removal of ignition sources The product is of low flammability but if water evaporates the dried product can burn.
Environmental precautions	It is recommended that the latex be coagulated by acid and its serum neutralized before discharge into the waterways.
Methods of cleaning up	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Collect solid waste mechanically. It is normally disposed off as "Notifiable waste" however consult your local environmental law.
7. Handling and storage	
Handling	No special precaution is required but as with any industrial chemical substance, eye contact, inhalation of vapors should be avoided by good standards of industrial hygiene and safe working practice.
Storage	Keep container tightly closed in a cool and well ventilated place. Protect from frost. Minimum temperature is 5°C. Keep away from strong oxidizing agents.

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8. Exposure controls/Personal protection	
Occupational exposure limits values and/or biological values	Ammonia, aqueous, CAS no. 7664-41-7 OEL: Short term value: 27 mg/m ³ , 35 ml/m ³ Long term value: 18 mg/m ³ , 25ml/m ³
General protective and hygienic measures	Keep away from excessive heat and open flame and provide adequate ventilation in the processing area. Keep away from food and beverages.
Respiratory protection	Wear protective mask as precaution against direct inhalation.
Hand protection	Wear protective impervious gloves. The use depends on the kind and range of the activity in handling the material.
Eye protection	Wear safety goggles.
Skin protection	Wear protective clothing, gloves and boots.

9. Physical and chemical properties	
<u>General</u>	
Physical state	Blue suspension in water
Colour	blue
Odour	Pronounced ammonia - Pungent
<u>Important health, safety and environmental information</u>	
pH-Value	10,0 – 11,0
Boiling point	Same as water
Flash point	Not applicable
Flammability	Not applicable
Explosive properties	None
Oxidizing properties	Not applicable
Vapor pressure	Not applicable
Relative density	At 20°C 0,998 g/cm ³
Solubility	Insoluble in oil
Water Solubility	Fully miscible
Partition coefficient: n-octanol/water	
Viscosity	Not applicable
Vapor density	Not applicable
Evaporation rate	Not applicable

10. Stability and reactivity	
Stability	Stable
Thermal decomposition / Conditions to be avoided	Avoid excessive exposure to ammonia when opening drums of latex bearing in mind that pressure might have built up during shipment.
Materials to avoid	Exposure of a large surface in a poorly ventilated room.
Hazardous decomposition products	Keep away from strong oxidizing agents.
	Dry products when heated or ignited will give off toxic fumes and smoke

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11. Toxicological information	
Acute toxicity	Dry rubber when ignited will give off toxic fumes and smoke.
Primary irritant effect on Eye	Avoid eye contact
Skin sensitization	Irritant
Additional information	When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us
12. Ecological information	
General	This product is preserved with max. 0, 29 % of ammonia and the secondary preservatives TMTD and ZnO, which together do not amount to more than 0, 1% of the latex.
Ecotoxicity	Not known yet, will be added when REACH registration is accepted by the ECHA
Mobility	Not known yet, will be added when REACH registration is accepted by the ECHA
Persistence and degradability	Natural Rubber is biodegradable
Other adverse effects	Not known
13. Disposal considerations	
	Dispose off in accordance to Local Statutory Regulations. Do not allow product to reach ground water, water bodies or sewage system. Solid waste after coagulation can be burnt in an incinerator.
14. Transport information	
	Land transport ADR/RID and GGVS/GGVE (cross-border/domestic) Non dangerous good
15. Regulatory information	
Designation according to EC guidelines	The product has been labeled in accordance with EC Directives and relevant national laws. Observe the normal safety regulations when handling chemicals.
16. Other information	
	<p>The information is to our best present knowledge correct and complete and is given in good faith but without warranty. This data may not be all inclusive and should be used as a guide to determine the best conditions for the safe use of the product.</p> <p>This information only concerns the above mentioned product(s) and does not need to be valid if used with other product(s) or in any process.</p> <p>It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.</p> <p>Vaessen Creative is not responsible for injury or liability following misuse of the products.</p>

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.