



MAKE MAKE

...BY HEISS DEVELOPMENT

Safety Data Sheet

MakeMake Nature Liquid Latex

Date/revised date: 29.09.2021

Product: MakeMake Nature Liquid Latex

Version 1.0

EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : MakeMake Nature Liquid Latex

1.1.2 Product Code:

LATEX-LA-BU, LATEX-LA-DRP, LATEX-LA-DRS, LATEX-LA-IBCOW, LATEX-LA-IBC, LAKC-IBCOW, LAKCBL-IBCOW

CAS: 9006-04-6, EINECS: 232-689-0

Natural rubber

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub-
stance/Mixture : Raw material for industrial purposes,
production of rubber products, glue, latex
moulds, role playing weapons.

1.3 Details of the supplier of the safety data sheet

Supplier : Heiss Development
Pramvej 7, 8940
Randers SV, Denmark

Telephone : +45 86 42 26 26

E-mail address of person
responsible for the SDS : info@makemake.dk

CVR : 39641259

1.4 Emergency telephone number

National Chemical Emergency Centre: 0870 190 6777.

International emergency number: +49 180 2273-112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.



MAKE MAKE

...BY HEISS DEVELOPMENT

2.3 Other hazards

Not relevant.

SECTION 3: Composition/information on ingredients

3.1 Substances

This substance is exempt from registration according to Regulation (EC) No. 1907/2006 (REACH).
Natural rubber contains ammonium (preservative).

CAS no.	EINECS	Chemical name	Concentration	Classification
9006-04-6	232-689-0	Rubber latex	< 100%	
1336-21-6	215-647-6	Ammonium hydroxide solution	< 1%	C: R34;N R50; Skin Corr. 1B, H314; Aquatic Acute 1, H400

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Seek medical attention if symptoms are persistent or in case of doubt.
- If inhaled : Seek fresh air.
In case of trouble breathing, give oxygen.
- In case of skin contact : Wash with water and soap immediately.
- In case of eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
Get medical attention if problem is persistent.
- If swallowed : If the victim is at full consciousness, give them a cup of water.
Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

Products contains natural rubber. May cause an allergic reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Treated symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

Adjust extinguishing media to surroundings and circumstances.

Do not use water jet as it may spread and increase the extent of the fire.

5.2 Special hazards arising from the substance or mixture



MAKE MAKE

...BY HEISS DEVELOPMENT

Avoid inhaling fumes in case of fire and/or explosion.

5.3 Advice for firefighters

In case of fire: Use respirator with air-supply.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all ignition sources

6.2 Environmental precautions

Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). After cleaning, remains can be removed with water.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Ventilation required. Avoid contact with eyes and skin. Do not eat, drink or smoke when using the product.

7.2 Conditions for safe storage, including any incompatibilities

Store tightly closed in a dry, cool and well-ventilated location. Protect against frost. Store at temperatures between +7 °C and +35 °C. Store away from heat. Keep safe from flames and sparks. Incompatible with oxidizing agents. Keep away from food and beverages.

7.3 Specific end use(s)

No special instructions needed.

SECTION 8: Exposure controls/personal protection

Additional instructions regarding design of technical facilities: No additional information, see section 7.

8.1 Control parameters

Occupational Exposure Limits

Substances with occupational exposure limits, that needs to be watched
--



MAKE MAKE

...BY HEISS DEVELOPMENT

1336-21-6 Ammonium hydroxide solution	
20 ppm (8 h)	14 mg/m ³ (8 h)
50 ppm (15 min)	36 mg/m ³ (15 min)

Additional information: Based on the lists available at the time of drawing up the safety data sheet.

8.2 Exposure controls

Measures to control occupational exposure:

Personal protective equipment:

General precautions regarding protection and hygiene:

Adequate ventilation is required, especially on closed areas. Remove contaminated clothing and wash before reuse.

Make sure to wash hands thoroughly before breaks and when work has ended.

Eye protection : Safety glasses

Hand protection : No special protection equipment is necessary.

Skin and body protection : No special protection equipment is necessary.

Protection of hands in case of latex allergy : Impenetrable gloves, Nitrile rubber (min. 0,38 mm). Suitability for a workplace must be discussed with the producer of the safety gloves.

Respiratory protection : Under normal circumstances respiratory protection is not required. Use the indicated respiratory protection, if the occupational exposure limit is exceeded and/or in case the product releases (dust). If fumes develop use respirator with approved filter.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Fluid (aqueous suspension)

Colour : white

Odour : Strong ammonium smell

Odour Threshold : Not determined

pH (concentrate) : 10-11

Melting point/range : < + 5 °C

Boiling point/boiling range : ~ 100 °C

Flash point : Not relevant



MAKE MAKE

...BY HEISS DEVELOPMENT

Evaporation rate	: No data available
Flammability (solid, gas)	: The substance is not flammable
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	:
Relative vapour density	: No data available
Relative density	: No data available
Density	: 0,947 g/cm ³ (20 °C)
Bulk density	: No data available

Solubility(ies)

Water solubility	: soluble
Partition coefficient: n-octanol/water	: No data available
Ignition temperature	: No data available
Decomposition temperature	: ~100 °C
Viscosity	: No data available
Explosive properties	: The product is not eksplosiv
Oxidizing properties	: No data available

9.1 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactivity known under normal use and conditions

10.2 Chemical stability

No decomposition if applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Under normal conditions of storage and use, no hazardous reactions are known.

10.4 Conditions to avoid

Heat, flames and sparks. Protect against frost.

10.5 Incompatible materials

Materials to avoid : Oxidizing agents

10.6 Hazardous decomposition products

Combustion develops unpleasant and toxic fumes. Decomposition products: carbon oxides nitrogen oxides (NO_x)

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Damage to health is not known or expected under normal conditions.

Corrosion/irritation

Repeated use over a longer period, might cause irritation of eyes and skin. Repeated and long-lasting skin contact may cause allergic reactions in sensitive individuals. Avoid inhalation of dust. May cause irritation of respiratory system.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity is not known or expected under normal use.

12.2 Persistence and degradability

Biodegradable

12.3 Bioaccumulative potential

Bioaccumulation is unlikely (Weight of molecule > 1000)

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulative or toxic (PBT).

12.6 Other adverse effects

Waste must not enter the sewer.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Dispose of in accordance with applicable regulations. Type of waste is to be determined by user depending on use of product. Type of waste is to be determined in an agreement between user, producer and waste disposal company.

Recommendation: Do not dispose of together with household waste. Do not dispose of into sewer system.

Contaminated packaging : Completely cleaned packaging, can be treated as industrial waste and can possibly be recycled. If possible, recycling is preferred over disposal or combustion. If recycling is not possible, dispose of according to relevant authorial guidelines. Waste is to be dealt with by an approved waste disposal company.

SECTION 14: Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user / Additional advice

Hazard statements : Not relevant

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Not a dangerous substance or mixture in accordance with Regulation (EC) no. 1272/2008. This substance is exempt from registration according to Regulation (EC) no. 1907/2006 (REACH). This document has been updated to meet the requirements of Regulation (EC) no. 453/2010.

15.2 Chemical safety assessment

A chemical safety assessment is not required for this substance.

SECTION 16: Other information

Further information

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet and its Annex [if required according to Regulation (EC) 1907/2006 (REACH)] is to describe the products in terms of their safety requirements. The given details do not imply any guarantee concerning the composition, properties or performance.

Please send an E-mail to info@makemake.dk if you have further questions about the product.