

According to directive 1907/2006/EC, 2020/878

Page: 1of 7

Version 12.0

Revision date: 12-01-2023

Print date: 9-2-2023

Trade name: Latex

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

1.1 Product identification:

Product name: Latex.
CAS No. Designation: 9006-04-6 natural rubber dispersion
Identification number(s): EINECS Number: 232-689-0
REACH registration: Not required since natural rubber latex fulfil the definition of a natural polymer
ROHS: Lead-Free product
Additional information: GIVUL LA comply in both type and level to the FDA's Code of Federal Regulations, under subchapter B, part 177 (indirect food additives: Polymer) and part 175 (Indirect food additives: Adhesives and components of coating)

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

Usage: Latex with low ammonia and medium modulus properties. It can be used in variety of dipping applications, casting, binding, etc. It renders high clarity and medium modulus properties to dipped products.
Uses advised against: For professional use only.

1.3 Details of the supplier of the safety data sheet

Responsible distributor : ASSYST bvba / A.S.O.W. bvba
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
Email: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency telephone number:

For Belgium: Call the **Poison Control Center (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.
NHS 24 Direct: For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture:

Classification according to Directive (EC) No 1272/2008 and its amendments.

The product is not classified as hazardous under both regulation 67/548/EEC and CLP EC 1272/2008.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]: Not applicable.

Not a hazardous mixture.

No labelling is required.

2.3 Other hazards:

This substance/mixture does not contain components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SAFETY DATA SHEET

According to directive 1907/2006/EC, 2020/878

Version 12.0

Revision date: 12-01-2023

Page: 2of 7

Print date: 9-2-2023

Trade name: Latex

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition and information on ingredients

3.2 Mixtures:

Hazardous ingredients: ammonia.

Chemical Name	CAS No. EC-No. Index no. Registration number	Layout (Regulation (EC) No 1272/008)	Concentration (%)
Ammonia, aqueous solution	1336-21-6 215-647-6 007-001-01-2 01-2119488876-14	Skin Corr.1B ; H314 Aquatic Acute1; H400 STOT SE 3; H335: Concentration limits: > 5 %	< 0.40 %
Zinc oxide	1314-13-2 215-222-5 030-013-00-7 01-2119463881-32	Aquatic Acute1 ; H400 Aquatic Chronic 1 ; H410	< 0.25%
Zinc dibutyldithiocarbamate	136-23-2 205-232-8 006-081-00-9 01-2119535161-51	Eye Irrit 2 ; H319 STOT SE 3 ; H335 Skin Irrit 2 ; H315 Skin Sens 1 ; H317 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410	< 0.25%

For full text of the H-Statements see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures:

General information:

Instantly remove any clothing soiled by the product.

After inhalation:

Supply fresh air or oxygen.

After skin contact:

Wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water.

If symptoms persist, consult doctor.

After swallowing:

Rinse out mouth and then drink plenty of water. Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed:

None known.

4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

CO₂, extinguishing powder or water jet.

Fight larger fires with water jet or alcohol-resistant foam.

Unsuitable extinguishing media:

None known.

5.2 Special hazards arising from the substance or mixture

Formation of harmful gases during heating or in fires.

According to directive 1907/2006/EC, 2020/878

Version 12.0

Revision date: 12-01-2023

Page: 3of 7

Print date: 9-2-2023

Trade name: Latex

Can be released in case of fire: Nitrogen oxides (NOx), carbon monoxide (CO), carbon dioxide (CO₂).

5.3 Advice for firefighters:

In the event of fire, wear self-contained breathing apparatus.

Use personal protective equipment.

SECTION 6: Accidental release measures for the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.

Use breathing protection against the effects of ammonia gas if necessary.

6.2 Environmental precautions:

Do not allow product to reach sewage system or water bodies.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

Dispose of contaminated material as waste according to section 13.

6.4 Reference to other sections:

For personal protection see section 8.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling

Precaution for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Hygiene measures:

Wash face, hands and any exposed skin thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and containers:

Store only in the original container.

Suitable material for containers and pipes: stainless steel, HDPE.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

Protect from frost.

Keep container tightly sealed.

Store in cool, dry conditions in well-sealed containers.

Recommended storage temperature:

5-35°C

7.3 Specific end use:

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Components with critical values that require monitoring at the workplace:

1336-21-6 Ammonia hydroxide

OES / TWA : 10 ppm

8.2 Exposure controls:

Engineering measures:

None

General protective and hygienic measures:

The usual precautionary measures should be adhered to in handling the chemicals.

Keep away from foodstuffs, beverages and food.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Personal protective equipment:

According to directive 1907/2006/EC, 2020/878

Version 12.0

Revision date: 12-01-2023

Page: 4 of 7

Print date: 9-2-2023

Trade name: Latex

Breathing equipment:

Use breathing protection in poor ventilated area with high concentrations of ammonia.

Short term filter device:

Filter P3.

Protection of hands:

Protective gloves.

Material of gloves:

Rubber gloves.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Tightly sealed safety glasses.

Body protection:

Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state:	Fluid
Colour:	Milky White
Odour:	Ammonia-like
Odour Threshold:	Not available
Change in condition	
Melting point/Melting range:	0°C
Boiling point/Boiling range:	100°C
Flash point:	Not applicable
Danger of explosion:	Product is not explosive

Critical values for explosion

Lower:	Not applicable
Upper:	Not applicable
Steam pressure:	30 mbar
Density:	0.94-0.96 g/cm ³
Solubility in / Miscibility with water:	Fully miscible
pH-value:	9 - 11
Viscosity:	< 120 cP (Brookfield Viscometer)
Biodegradability:	YES
Partition coefficient: n-octanol/water:	No data available

9.2 Other information

No further information available.

SECTION 10: Stability and reactivity

10.1 Reactivity:

No hazards to be specially mentioned.

10.2 Chemical Stability:

Stable under normal conditions.

10.3 Potentially hazardous reactions:

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

No decomposition if used according to specifications.

10.5 Chemically Interacting Materials:

No materials to be especially mentioned.

10.6 Hazardous decomposition products:

According to directive 1907/2006/EC, 2020/878

Version 12.0

Revision date: 12-01-2023

Page: 5of 7

Print date: 9-2-2023

Trade name: Latex

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

LD/LC50 values that are relevant for classification:

Not determined

Primary irritant effect:

on the skin:

Irritant for skin and mucous membranes.

on the eye:

Irritant effect

Sensitization:

Sensitizing effect is possible by prolonged exposure.

May cause allergic sensitization of the skin especially as a component in rubber articles.

11.2 Information on other hazards

Endocrine disrupting properties:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity:

Not determined.

12.2 Persistence and Degradability:

Not determined.

12.3 Bioaccumulation:

Not determined.

12.4 Mobility in Soil:

Not determined.

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other Harmful Effects:

Rubber and sewages contain rubber must admit in sewage processing plants.

Coagulate with aluminium sulphate, iron- or calcium chloride.

Coagulated rubber must dispose according to local/national regulations.

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Instructions for disposal

13.1 Waste treatment methods:

Product:

Recommendation:

Disposal according to official regulations.

Must not be disposed off together with household garbage.

Do not allow product to reach sewage system.

SAFETY DATA SHEET

According to directive 1907/2006/EC, 2020/878

Version 12.0

Revision date: 12-01-2023

Page: 6 of 7

Print date: 9-2-2023

Trade name: Latex

European waste catalogue:

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02 00	Wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 99	Wastes not otherwise specified

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations.

SECTION 14: Information relating to carriage

14.1 UN number

The transport of this substance is not subject to regulations.

14.2 Proper load name according to UN Model Regulations

The transport of this substance is not subject to regulations.

14.3 Transport hazard class(es)

The transport of this substance is not subject to regulations.

14.4 Packing group

The transport of this substance is not subject to regulations.

14.5 Environmental hazards

The transport of this substance is not subject to regulations.

14.6 Special precautions for the user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks: Not applicable for product as supplied.

SECTION 15: Legally required information

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

EU-Regulations:

No REACH Annex XVII restrictions

Code letter and hazard designation of product:

Void Safety phrases:

60: This material and its container must be disposed of as hazardous waste.

61: Avoid release to the environment. Refer to special instructions/safety data sheets.

National regulations:

Water hazard class:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

15.2 Chemical safety assessment:

The supplier has not carried out a chemical safety assessment for the substance or mixture.

SECTION 16: Other information

Full text of H-Statements:

H314:	Causes severe skin burns and eye damage.
H315:	Causes skin irritation.
H317:	May cause an allergic skin reaction.
H319:	Causes serious eye irritation.
H335:	May cause respiratory irritation.
H400:	Very toxic to aquatic life.
H410:	Very toxic to aquatic life with long lasting effects.

Abbreviations:

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail IMDG – International Maritime Dangerous Goods Code

SAFETY DATA SHEET



According to directive 1907/2006/EC, 2020/878

Version 12.0

Revision date: 12-01-2023

Page: 7 of 7

Print date: 9-2-2023

Trade name: Latex

AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road IATA – International Air Transport Association

IMO: International Maritime Organization

Further information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.