

*SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006*

**ROC Naturlatex 60% / ROC Liquid Latex, Nature and Black**

Version 5.0

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

**1.1. Product identifier**

Trade name : ROC Naturlatex 60% / ROC Liquid Latex, Nature and Black

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

Use of the Substance/Mixture : Binding agents

Uses advised against : At this moment we have not identified any uses advised against

**1.3. Details of the supplier of the safety data sheet**

Company : ROC Danmark ApS  
Dunkærgade 16  
DK 5970 Ærøskøbing

Telephone : +45 87 41 66 11

Website : [www.rocdenmark.com](http://www.rocdenmark.com)  
Responsible (email) : [roc@roc.dk](mailto:roc@roc.dk)

**1.4. Emergency telephone number**

Emergency telephone number : In case of personal injury call:  
Denmark: +45 82 12 12 12 Giftlinien, Bispebjerg Hospital  
Finland: +358 9 471 977 Finnish Poison Information Center (24 h/day)  
Norway: +47 22 59 13 00 Giftinformasjonen (døgnåpent)  
Sweden: +46-8-33 70 43 Giftinformationscentralen (24 hour service)  
Outside these countries: Please call your local emergency services

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

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**Most important adverse effects**

- Human Health : Prolonged exposure causes local irritation of skin and mucous membranes, especially to the eyes.
- Physical and chemical hazards : Above 220°C it will start to decompose, finally emitting vapours which may be toxic and flammable at temperatures around 300°C.
- Potential environmental effects : According to available data, this product is not harmful to the environment.

**2.2. Label elements**

**Labelling according to Regulation (EC) No 1272/2008**

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

**Additional Labelling:**

EUH210 Safety data sheet available on request.

**2.3. Other hazards**

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.

Ecological information: 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.

Toxicological information: 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/information on ingredients**

**3.2. Mixtures**

Hazardous components	Amount [%]	Classification (REGULATION (EC) No 1272/2008)	
		Hazard class / Hazard category	Hazard statements
<b>ammonia</b>			
Index-No. : 007-001-01-2	0,2	Skin Corr.1B	H314
CAS-No. : 1336-21-6		Aquatic Acute1	H400

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EC-No. : 215-647-6

STOT SE3

H335

M-Factor (Acute aquatic toxicity): 1  
 specific concentration limit  
 STOT SE 3; H335  
 >= 5 %

Note B

For the full text of the H-Statements mentioned in this Section, see Section 16.  
 For the full text of the Notes mentioned in this Section, see Section 16.

**Non-hazardous component**

Chemical name	Identification Number	Amount [%]
Rubber, natural	CAS-No. : 9006-04-6 EC-No. 232-689-0	60

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

- General advice : When symptoms persist or in all cases of doubt seek medical advice.
- If inhaled : Move to fresh air. Keep at rest. If symptoms persist, call a physician.
- In case of skin contact : Remove contaminated clothing and shoes. Wash off with soap and water. If symptoms persist, call a physician.
- In case of eye contact : Remove contact lenses. Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
- If swallowed : Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Take victim immediately to hospital.

**4.2. Most important symptoms and effects, both acute and delayed**

- Symptoms : See Section 11 for more detailed information on health effects and symptoms.
- Effects : See Section 11 for more detailed information on health effects and symptoms.

**4.3. Indication of any immediate medical attention and special treatment needed**

- Treatment : No information available.

**ROC Naturlatex 60% / ROC Liquid Latex, Nature and Black****SECTION 5: Firefighting measures****5.1. Extinguishing media**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : Water jet.

**5.2. Special hazards arising from the substance or mixture**

- Specific hazards during firefighting : Natural rubber latex, being a water dispersion, cannot be ignited and therefore is not a fire hazard. Latex which has been allowed to dry out completely will be have similarly to raw natural rubber.

**5.3. Advice for firefighters**

- Special protective equipment for firefighters : Wear self-contained breathing apparatus and protective suit.
- Further advice : No further information available.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

- Personal precautions : For personal protection see section 8.

**6.2. Environmental precautions**

- Environmental precautions : The product should not be allowed to enter drains, water courses or the soil. In case of large spillage contact the local authority.

**6.3. Methods and materials for containment and cleaning up**

- Methods and materials for containment and cleaning up : Stop the leakage if it can be done without danger. Wear personal protective equipment. Soak up with inert absorbent material. Shovel into suitable container for disposal. See also section 13: Disposal Considerations.

**6.4. Reference to other sections**

- See Section 1 for emergency contact information.  
See Section 8 for information on personal protective equipment.  
See Section 13 for waste treatment information.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

**ROC Naturlatex 60% / ROC Liquid Latex, Nature and Black**

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Provide for good ventilation. Mechanical ventilation can be needed. Possibility to wash the eye at the place of work.

Hygiene measures : Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and immediately after handling the product.

**7.2. Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : Keep tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

Storage period : 6 Months

**7.3. Specific end use(s)**

Specific use(s) : No information available.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

<b>Component:</b>	<b>ammonia</b>	<b>CAS-No. 1336-21-6</b>
<b>Other Occupational Exposure Limit Values</b>		

EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended, Short Term Exposure Limit (STEL):  
50 ppm, 36 mg/m3  
Indicative

EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended, Time Weighted Average (TWA):  
20 ppm, 14 mg/m3  
Indicative

Denmark. OELs. Annexes 2 & 3, Exposure Limits for Substances & Materials - Order No. 507, WEA, as amended, Threshold Limit Values (TLV):  
20 ppm, 14 mg/m3

**8.2. Exposure controls**

**Appropriate engineering controls**

Ensure adequate ventilation.

Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapors.

Exposure may primarily be reduced by choice of working method and technical measures.

**ROC Naturlatex 60% / ROC Liquid Latex, Nature and Black****Personal protective equipment***Respiratory protection*

Advice : In case of insufficient ventilation, wear suitable respiratory equipment.  
Recommended Filter type:K

*Hand protection*

Advice : Choose right chemical protection as:  
Nitrile rubber  
Neoprene gloves  
Protective gloves should be replaced at first signs of wear.

*Eye protection*

Advice : Safety glasses

*Skin and body protection*

Advice : Wear suitable protective clothing.

**Environmental exposure controls**

General advice : The product should not be allowed to enter drains, water courses or the soil.  
In case of large spillage contact the local authority.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Form	:	liquid
Physical state	:	liquid
Colour	:	white
Odour	:	ammoniacal
Odour Threshold	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flammability	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available

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Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Self-Accelerating decomposition temperature (SADT)	:	No data available
pH	:	ca. 11
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Flow time	:	No data available
Solubility(ies)		
Water solubility	:	miscible
Solubility in other solvents	:	No data available
Dissolution Rate	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Dispersion Stability	:	No data available
Vapour pressure	:	No data available
Relative density	:	No data available
Density	:	0,940 g/cm <sup>3</sup>
Bulk density	:	No data available
Relative vapour density	:	No data available
Particle characteristics		
No data available		

**9.2 Other information**

No data available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Advice : Stable under recommended storage conditions.

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**10.2. Chemical stability**

Advice : Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Hazardous reactions : No dangerous reaction known under conditions of normal use.

**10.4. Conditions to avoid**

Conditions to avoid : > 220 °C

**10.5. Incompatible materials**

Materials to avoid : Oxidizing agents

**10.6. Hazardous decomposition products**

Hazardous decomposition products : Above 220°C it will start to decompose, finally emitting vapours which may be toxic and flammable at temperatures around 300°C.

**SECTION 11: Toxicological information**

**11.1. Information on the hazard classes within the meaning of Regulation (EC) No. 1272/2008**

**Data for the product**

**Acute toxicity**

**Oral**

Rubber may coagulate in stomach. Contact immediately a doctor.

**Inhalation**

Inhalation may cause pain and cough.  
High concentration may cause difficulty in breathing.

**Dermal**

No data available

**Irritation**

**Skin**

Result : Skin contact may cause irritation. Prolonged and repeated exposure may cause pain and redness.

**Eyes**

Result : May cause strong pain.

**Sensitisation**



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No data available

**CMR effects**

**CMR Properties**

Carcinogenicity : No data available

Mutagenicity : No data available

Reproductive toxicity : No data available

**Specific Target Organ Toxicity**

**Single exposure**

No data available

**Repeated exposure**

No data available

**Other toxic properties**

**Repeated dose toxicity**

No data available

**Aspiration hazard**

No data available

**11.2. Information on other hazards**

**Data for the product**

**Endocrine disrupting properties**

Assessment : 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**

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**Component:** ammonia CAS-No. 1336-21-6

**Acute toxicity**

**Fish**

LC50 : 0,53 mg/l (Oncorhynchus mykiss; 96 h)  
 LC50 : 0,75 - 3,4 mg/l (Pimephales promelas; 96 h)

**Toxicity to daphnia and other aquatic invertebrates**

EC50 : 24 mg/l (Daphnia magna; 48 h)

**Bacteria**

EC50 : 2 mg/l (Photobacterium phosphoreum; 5 min)

**12.2. Persistence and degradability**

**Data for the product**

**Persistence and degradability**

**Biodegradability**

Result : Readily biodegradable

**12.3. Bioaccumulative potential**

**Data for the product**

**Bioaccumulation**

Result : This information is not available.

**12.4. Mobility in soil**

**Data for the product**

**Mobility**

Result : Miscible in water

**12.5. Results of PBT and vPvB assessment**

**Data for the product**

**ROC Naturlatex 60% / ROC Liquid Latex, Nature and Black**

**Results of PBT and vPvB assessment**

Result : 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**

**Data for the product**

Endocrine disrupting potential : 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 adverse effects**

**Data for the product**

**Additional ecological information**

Result : Do not flush into surface water or sanitary sewer system.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Product : In accordance with local and national regulations.

Contaminated packaging : Dispose of contaminated packaging in the same way as the product.

European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

**SECTION 14: Transport information**

Not dangerous goods for ADR, RID, IMDG and IATA.

**14.1. UN number or ID number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**ROC Naturlatex 60% / ROC Liquid Latex, Nature and Black****14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packaging group**

Not applicable.

**14.5. Environmental hazards**

Not applicable.

**14.6. Special precautions for user**

Not applicable.

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable for product as supplied.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Data for the product**

National product code : 2318021

Other regulations : Only persons, who are thoroughly instructed in the dangerous properties and the necessary safety precautions of the substance, are allowed to work with it.

**15.2. Chemical safety assessment**

No data available

**SECTION 16: Other information****Full text of H-Statements referred to under sections 2 and 3.**

H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.

**Full text of the Notes referred to under section 3.**

Note B	Some substances (acids, bases, etc.) are placed on the market in
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aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: "nitric acid ...%". In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

### Abbreviations and Acronyms

<b>AU AIICL</b>	Australia. Industrial Chemicals Act (AIIC) List
<b>BCF</b>	bioconcentration factor
<b>BOD</b>	biochemical oxygen demand
<b>CAS</b>	Chemical Abstracts Service
<b>CLP</b>	Classification, Labelling and Packaging
<b>CMR</b>	carcinogenic, mutagenic or toxic to reproduction
<b>COD</b>	chemical oxygen demand
<b>DNEL</b>	derived no-effect level
<b>DSL</b>	Canada. Environmental Protection Act, Domestic Substances List
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
<b>ELINCS</b>	European List of Notified Chemical Substances
<b>ENCS (JP)</b>	Japan. Kashin-Hou Law List
<b>GHS</b>	Globally Harmonized System of Classification and Labelling of Chemicals
<b>IECSC</b>	China. Inventory of Existing Chemical Substances
<b>INSQ</b>	Mexico. National Inventory of Chemical Substances
<b>ISHL (JP)</b>	Japan. Inventory of Industrial Safety & Health
<b>KECI (KR)</b>	Korea. Existing Chemicals Inventory
<b>LC50</b>	median lethal concentration
<b>LOAEC</b>	lowest observed adverse effect concentration
<b>LOAEL</b>	lowest observed adverse effect level
<b>LOEL</b>	lowest observed effect level
<b>NDSL</b>	Canada. Environmental Protection Act. Non-Domestic Substances List
<b>NLP</b>	no-longer polymer
<b>NOAEC</b>	no observed adverse effect concentration
<b>NOAEL</b>	no observed adverse effect level
<b>NOEC</b>	no observed effect concentration
<b>NOEL</b>	no observed effect level
<b>NZIOC</b>	New Zealand. Inventory of Chemicals
<b>OECD</b>	Organisation for Economic Cooperation and Development
<b>OEL</b>	occupational exposure limit
<b>ONT INV</b>	Canada. Ontario Inventory List
<b>PBT</b>	persistent, bioaccumulative and toxic

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<b>PHARM (JP)</b>	Japan. Pharmacopoeia Listing
<b>PICCS (PH)</b>	Philippines. Inventory of Chemicals and Chemical Substances
<b>PNEC</b>	predicted no-effect concentration
<b>REACH Auth. No.:</b>	REACH Authorisation Number
<b>REACH AuthAppC. No.</b>	REACH Authorisation Application Consultation Number
<b>UK REACH Auth. No.:</b>	UK REACH Authorisation Number
<b>UK REACH AuthAppC. No.</b>	UK REACH Authorisation Application Consultation Number
<b>UK REACH-Reg.No</b>	UK REACH Registration Number
<b>STOT</b>	specific target organ toxicity
<b>SVHC</b>	substance of very high concern
<b>TCSI</b>	Taiwan. Existing Chemicals Inventory
<b>TH INV</b>	Thailand. Existing Chemicals Inventory from FDA
<b>TSCA</b>	US. Toxic Substances Control Act
<b>UVCB</b>	substance of unknown or variable composition, complex reaction products or biological materials
<b>VN INVL</b>	Vietnam. National Chemical Inventory

**Further information**

- Key literature references : Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.
- Methods used for product classification : The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data.
- Hints for trainings : The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to.
- Other information : The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.
- The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

|| Indicates updated section.