

751 LANKO LATEX - 751



SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : 751 LANKO LATEX

Product code : 751.

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

Refer to the technical data sheet

Admixture for concrete and mortar.

1.3. Details of the supplier of the safety data sheet

Registered company name : PAREXGROUP S.A.

Address : 19, place de la résistance - CS 50053.92445.Issy les Moulineaux Cedex.France.

Telephone : (33)01.41.17.20.00. Fax : 01.41.17.21.30.

fds.matiere-fr@parex-group.com

www.parexlanko.com

For UK : Emergency telephone number : 01827 711755 (Mon - Fri 08:30 - 16:30).

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS07

Signal Word :

WARNING

Product identifiers :

EC 220-120-9

1,2-BENZISOTHIAZOL-3(2H)-ONE

EC 220-239-6

2-METHYL-2H-ISOTHIAZOL-3-ONE

EC 611-341-5

REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)

Hazard statements :

H317

May cause an allergic skin reaction.

Precautionary statements - General :

P102

Keep out of reach of children.

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Precautionary statements - Prevention :

P280

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response :

P302 + P352

IF SKIN CONTACT: Wash thoroughly with abundant soap and water. Remove contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

Precautionary statements - Disposal :

P501

Dispose of the contents/container at a hazardous or special waste collection point. Do not empty into the drains.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	Note	%
INDEX: 613_088_006C CAS: 2634-33-5 EC: 220-120-9 REACH: 01-2120761540-60 1,2-BENZISOTHIAZOL-3(2H)-ONE	GHS06, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1		0 <= x % < 1
INDEX: 2767 CAS: 2682-20-4 EC: 220-239-6 REACH: 01-2120764690-50 2-METHYL-2H-ISOTHIAZOL-3-ONE	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H301 Acute Tox. 3, H311 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 M Acute = 10 Aquatic Chronic 1, H410 M Chronic = 1 EUH:071		0 <= x % < 1
INDEX: 613_167_00_5 CAS: 55965-84-9 EC: 611-341-5 REACH: 01-2120764691-48 REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H301 Acute Tox. 2, H310 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 M Acute = 100 Aquatic Chronic 1, H410 M Chronic = 100 EUH:071		0 <= x % < 1

(Full text of H-phrases: see section 16)

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SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

Seek medical assistance if symptoms appear.

Show this safety data sheet to a doctor.

In the event of exposure by inhalation :

In case of massive inhalation, remove patient to fresh air and keep warm and at rest.

If you feel unwell or if symptoms develop, seek medical advice.

In the event of splashes or contact with eyes :

Rinse IMMEDIATELY with plenty of water for at least 15 minutes holding the eyelids open. Move the eyes in every direction to make sure that all product traces have been removed. Consult an ophthalmologist in case of disorders persistent.

In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

If symptoms of irritation occur, seek medical advice.

Wash contaminated clothing before it is reused.

In the event of swallowing :

For small quantities, rinse the mouth with water and seek medical advice. For large quantities, do not allow the person to drink, do not cause the person to vomit. Transfer the person to a hospital and show the product label or this material safety data sheet to the medical staff on duty.

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

No data available.

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

Specific and immediate treatment :

Wash copiously with water.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn.

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)

- carbon dioxide (CO₂)

The pressure in sealed containers may increase under the influence of heat.

5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

Prevent fire extinguishing water from contaminating surface water or the underground water system.

Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations.

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SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

Handle with appropriate clothing (gloves, coveralls, boots ...).

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Place drums for the disposal of recovered waste according to the regulations in force (see section 13).

Large spills must be recovered mechanically (by pumping) to be eliminated.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Avoid contact with eyes and skin.

Provide a proximity water position in case of regular use

Handle in ventilated areas.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

Store away from frost and high temperatures in its original closed packaging.

Packaging

Keep only in original container

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No data available.

8.2. Exposure controls

Appropriate engineering controls

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Avoid contact with mucous membranes, eyes and hands.
Personnel shall wear regularly laundered overalls.
Provide proximity water position in case of regular use.

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

Envisage in the vicinity a clean water container or an ocular fountain in the event of projection in the eyes

Corrective eyewear is not a protection.

Goggles.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

Recommended properties :

- Impervious gloves in accordance with standard EN374

Nitrile rubber gloves, 480 min breakthrough time, thickness 0.1-0.4 mm.

Gloves are thrown out and replaced if there is any sign of degradation or chemical permeability.

Unsuitable gloves: protective gloves for mechanical work (textile, leather, etc.) do not provide a protection against chemicals.

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

Closed working clothes protecting forearms in continuous with gloves.

- Respiratory protection

Not required under normal conditions of use.

Exposure controls linked to environmental protection

Prevent product from entering drains, water courses or the soil.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state :

Fluid liquid.

Important health, safety and environmental information

pH :

Not stated.

Slightly basic.

pH (aqueous solution) :

9.4-10.4

Boiling point/boiling range :

Not specified.

Flash point interval :

Not relevant.

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Vapour pressure (50°C) :	Not relevant.
Density :	0.95 - 1.05
Water solubility :	Soluble.
Melting point/melting range :	Not specified.
Self-ignition temperature :	Not relevant.
Decomposition point/decomposition range :	Not relevant.

9.2. Other information

No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :

- frost

Avoid extreme temperatures.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

May cause an allergic reaction by skin contact.

11.1.1. Substances

Acute toxicity :

REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND
2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (CAS: 55965-84-9)

Oral route : LD50 = 66 mg/kg

Dermal route : LD50 > 141 mg/kg

2-METHYL-2H-ISOTHIAZOL-3-ONE (CAS: 2682-20-4)

Oral route : LD50 = 120 mg/kg
Species : Rat

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Oral route : LD50 = 532 mg/kg
Species : Rat

Dermal route : LD50 > 2000 mg/kg
Species : Rat

Inhalation route (Dusts/mist) : LC50 = 0.4 mg/l
Species : Rat

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Respiratory or skin sensitisation :

REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND
2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (CAS: 55965-84-9)

May cause an allergic skin reaction.

Local lymph node stimulation test : Sensitiser.
Species : Guinea pig
OECD Guideline 406 (Skin Sensitisation)

2-METHYL-2H-ISOTHIAZOL-3-ONE (CAS: 2682-20-4)

May cause an allergic skin reaction.

Local lymph node stimulation test : Sensitiser.
Species : Mouse
OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

May cause an allergic skin reaction.

Local lymph node stimulation test : Sensitiser.
Species : Mouse
OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Guinea Pig Maximisation Test (GMPT) :

Sensitiser.
Species : Guinea pig
OECD Guideline 406 (Skin Sensitisation)

11.1.2. Mixture

No toxicological data available for the mixture.

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances

REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND
2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (CAS: 55965-84-9)

Fish toxicity : LC50 = 0.22 mg/l
Species : *Oncorhynchus mykiss*
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

NOEC = 0.098 mg/l
Species : *Oncorhynchus mykiss*
Duration of exposure : 28 days
OECD Guideline 210 (Fish, Early-Life Stage Toxicity Test)

Crustacean toxicity : EC50 = 0.1 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

NOEC = 0.004 mg/l
Species : *Daphnia magna*
Duration of exposure : 21 days
OECD Guideline 211 (Daphnia magna Reproduction Test)

Algae toxicity : ECr50 0.0052 mg/l
Factor M = 100

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Species : Skeletonema costatum
Duration of exposure : 48 h
ISO 10253 (Water quality - Marine Algal Growth Inhibition Test with Skeletonema costatum and Phaeodactylum tricornutum)

NOEC = 0.00064 mg/l
Factor M = 100
Species : Skeletonema costatum
Duration of exposure : 48 h
ISO 10253 (Water quality - Marine Algal Growth Inhibition Test with Skeletonema costatum and Phaeodactylum tricornutum)

12.1.2. Mixtures

No aquatic toxicity data is available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (CAS: 55965-84-9)

Biodegradability : Rapidly degradable.

2-METHYL-2H-ISOTHIAZOL-3-ONE (CAS: 2682-20-4)

Biodegradability : Rapidly degradable.

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Biodegradability : Rapidly degradable.

12.2.2. Mixtures

Given the properties of several components, this product is not considered to be readily biodegradable according to the OECD classification.

Physico-chemical elimination: 98% Method: OECD Test Guideline 302. Note: The product can be eliminated from water by abiotic processes, for example adsorption on activated sludge.

12.3. Bioaccumulative potential

12.3.1. Substances

REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (CAS: 55965-84-9)

Octanol/water partition coefficient : log K_{ow} ≤ 0.71
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

Bioaccumulation : BCF = 3.16

2-METHYL-2H-ISOTHIAZOL-3-ONE (CAS: 2682-20-4)

Octanol/water partition coefficient : log K_{ow} ≤ 0.32
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

Bioaccumulation : BCF = 3.16

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Octanol/water partition coefficient : log K_{ow} = 0.7
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

Bioaccumulation : BCF = 6.95
OECD Guideline 305 (Bioconcentration: Flow-through Fish Test)

12.3.2. Mixtures

Bioaccumulation is unlikely.

12.4. Mobility in soil

No data available.

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12.5. Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent or very bioaccumulating (vPvB).

12.6. Other adverse effects

This product is not associated with any known ecotoxicological effect.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

SECTION 15 : REGULATORY INFORMATION

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

- Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2018/1480 (ATP 13)

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2019/521 (ATP 12)

- Container information:

No data available.

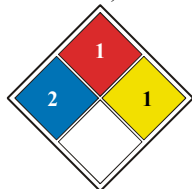
- Particular provisions :

No data available.

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- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :

NFPA 704, Labelling: Health=2 Inflammability=1 Instability/Reactivity=1 Specific Risk=none



15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.