

## Neoprene Liquid Dispersion polychloroprene

Version 3.0

Revision Date 14.06.2013

Ref. 150000003154

This SDS adheres to the standards and regulatory requirements of Great Britain and may not meet the regulatory requirements in other countries.

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

#### 1.1. Product identifier

Product name : Neoprene Liquid Dispersion polychloroprene

Types : LD 671A

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

Use of the Substance/Mixture : Rubber products

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

Company : DuPont Iberica S.L.  
Avinguda Diagonal, 561  
ES-08029 Barcelona  
Spain

Telephone : +34-98-512-4000

Telefax : +34-98-512-4090

E-mail address : sds-support@che.dupont.com

#### 1.4. Emergency telephone number

Emergency telephone number : +44 (0) 8456 006 640

### SECTION 2: Hazards identification

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

|| Eye irritation, Category 2 : H319: Causes serious eye irritation.

Irritant : R36: Irritating to eyes.

#### 2.2. Label elements



Exclamation  
mark

|| Warning

|| H319 : Causes serious eye irritation.

Special labelling of certain : Contains: Poly(2-chloro-1,3-butadiene) / : The following percentage of the



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substances and mixtures mixture consists of ingredient(s) with unknown acute toxicity:, 55.1639 %

P264	Wash skin thoroughly after handling.
P280	Wear protective gloves/ eye protection/ face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/ attention.

**2.3. Other hazards**

May cause skin irritation in susceptible persons.

**SECTION 3: Composition/information on ingredients**

**3.1. Substances**

not applicable

**3.2. Mixtures**

Registration number	Classification according to Directive 67/548/EEC	Classification according to Regulation (EU) 1272/2008 (CLP)	Concentration
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**Poly(2-chloro-1,3-butadiene) (CAS-No.9010-98-4)**

			< 60 %
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**Water (CAS-No.7732-18-5) (EC-No.231-791-2)**

			> 35 %
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**Resin acids and Rosin acids, potassium salts (CAS-No.61790-50-9) (EC-No.263-142-4)**

			< 2 %
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**Potassium hydroxide (CAS-No.1310-58-3) (EC-No.215-181-3)**

	Xn;R22 C;R35	Acute Tox. 4; H302 Skin Corr. 1A; H314	< 0.7 %
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**Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract) (CAS-No.64742-52-5) (EC-No.265-155-0)**

			< 0.3 %
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The above products are REACH compliant; Registration number(s) may not be provided because substance(s) are exempted, not yet registered under REACH or are registered under another regulatory process (biocide uses, plant protection products), etc.

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

**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.



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- Inhalation : Move to fresh air. Consult a physician if necessary.
- Skin contact : Wash off with soap and water. Consult a physician if necessary.
- Eye contact : Rinse thoroughly with plenty of water, also under the eyelids. Seek medical advice.
- Ingestion : Call a physician immediately. Do NOT induce vomiting.

### 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

no data available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water, Foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical

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

Specific hazards during firefighting : Hazardous combustion products Hydrogen chloride gas Carbon monoxide Aldehydes Organic acids

### 5.3. Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus and protective suit.

Further information : Evacuate personnel to safe areas.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

### 6.2. Environmental precautions

not applicable

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

Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Clean contaminated floors and objects thoroughly while observing environmental regulations.

### 6.4. Reference to other sections

not applicable



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**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

no data available

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

Requirements for storage : Protect from contamination. Keep containers tightly closed in a cool, well-ventilated place. Do not freeze. Perishable if frozen.

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

no data available

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

**8.1. Control parameters**

If sub-section is empty then no values are applicable.

**Components with workplace control parameters**

Type Form of exposure	Control parameters	Update	Basis	Remarks
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**Potassium hydroxide (CAS-No. 1310-58-3)**

STEL	2 mg/m <sup>3</sup>	2007	EH40 WEL	
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**8.2. Exposure controls**

Engineering measures : Use only in area provided with appropriate exhaust ventilation.

Eye protection : Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.

Hand protection : Material: Neoprene  
Glove thickness: 0.5 mm  
Wearing time: 8 h

Skin and body protection : Wear as appropriate: impervious clothing

Hygiene measures : Discard contaminated shoes. Wash contaminated clothing before re-use.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.  
Respirator with a vapour filter (EN 141)

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**



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Form	: liquid
Colour	: milky, white
Odour	: slight, characteristic
pH	: ca. 13.2 at ( 25 °C)
Flash point	: > 100 °C
Density	: 1.13 g/cm <sup>3</sup> at 25 °C
Water solubility	: completely miscible

### 9.2. Other information

no data available

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	: no data available
<b>10.2. Chemical stability</b>	: no data available
<b>10.3. Possibility of hazardous reactions</b>	: No dangerous reaction known under conditions of normal use.
<b>10.4. Conditions to avoid</b>	: Temperature : > 200 °C To avoid thermal decomposition, do not overheat.
<b>10.5. Incompatible materials</b>	: Strong acids and oxidizing agents Aluminium
<b>10.6. Hazardous decomposition products</b>	: Hydrogen chloride gas Organic acids Aldehydes Alcohols

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute oral toxicity

- Poly(2-chloro-1,3-butadiene)  
ALD / rat : 20,000 mg/kg
- Potassium hydroxide  
Acute toxicity estimate : 500 mg/kg
- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
LD50 / rat : > 5,000 mg/kg  
Method: OECD Test Guideline 401  
The toxicological data has been taken from products of similar composition.

#### Acute inhalation toxicity



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- Potassium hydroxide  
Fluid retention in lungs (pulmonary oedema)
- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
LC50 / 4 h rat : > 5.0 mg/l  
Method: OECD Test Guideline 403  
The toxicological data has been taken from products of similar composition.

### Acute dermal toxicity

- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
LD50 / rabbit : > 5,000 mg/kg  
Method: OECD Test Guideline 402  
The toxicological data has been taken from products of similar composition.

### Skin irritation

rabbit

Result: No skin irritation  
Method: OECD Test Guideline 404  
Exposure time 4 h

- Potassium hydroxide  
rabbit  
Classification: Corrosive  
Result: Corrosive
- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
rabbit  
Classification: Not classified as irritant  
Result: No skin irritation  
Method: OECD Test Guideline 404  
The toxicological data has been taken from products of similar composition.

### Eye irritation

rabbit

Result: Irritating to eyes.  
Method: OECD Test Guideline 405  
Exposure time 72 h

- Potassium hydroxide  
rabbit  
Classification: Corrosive  
Result: Corrosive
- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
rabbit  
Classification: Not classified as irritant  
Result: No eye irritation  
Method: OECD Test Guideline 405  
The toxicological data has been taken from products of similar composition.

### Sensitisation



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- Potassium hydroxide  
guinea pig  
Classification: Not a skin sensitizer.  
Result: Animal test did not cause sensitization by skin contact.
- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
guinea pig  
Classification: Not a skin sensitizer.  
Result: Did not cause sensitisation on laboratory animals.  
Method: OECD Test Guideline 406  
The toxicological data has been taken from products of similar composition.

Not tested on animals

Classification: Not a sensitizer by inhalation.

Result: Does not cause respiratory sensitisation.

The toxicological data has been taken from products of similar composition.

### Repeated dose toxicity

- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
Inhalation rat  
No toxicologically significant effects were found., The toxicological data has been taken from products of similar composition.

Dermal rabbit

No toxicologically significant effects were found., The toxicological data has been taken from products of similar composition.

### Mutagenicity assessment

- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
Animal testing did not show any mutagenic effects.

### Carcinogenicity assessment

- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
Animal testing did not show any carcinogenic effects.

### Toxicity to reproduction assessment

- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
No toxicity to reproduction

### Assessment teratogenicity

- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
No toxicity to reproduction

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Toxicity to fish

No data is available on the product itself.



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- Potassium hydroxide  
LC50 / 96 h / *Gambusia affinis* (Mosquito fish): 80 mg/l
- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
LC50 / 96 h / *Pimephales promelas* (fathead minnow): > 100 mg/l  
Method: OECD Test Guideline 203  
The toxicological data has been taken from products of similar composition.

### Toxicity to aquatic plants

No data is available on the product itself.

- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
NOEC / 72 h / *Pseudokirchneriella subcapitata* (green algae): > 100 mg/l  
Method: OECD Test Guideline 201  
The toxicological data has been taken from products of similar composition.

### Toxicity to aquatic invertebrates

- Potassium hydroxide  
EC50 / 48 h / *Ceriodaphnia Dubia* (water flea): 40 mg/l  
Information given is based on data obtained from similar substances.
- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
EC50 / 48 h / *Daphnia magna* (Water flea): > 10,000 mg/l  
Method: OECD Test Guideline 202  
The toxicological data has been taken from products of similar composition.

### Chronic toxicity to aquatic Invertebrates

- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
NOEC / 21 d / *Daphnia magna* (Water flea): 10 mg/l  
Method: OECD Test Guideline 211  
The toxicological data has been taken from products of similar composition.

## 12.2. Persistence and degradability

### Biodegradability

- Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified (<3% DMSO Extract)  
/ 28 d  
Biodegradation: 31 %  
Method: OECD Test Guideline 301  
Inherently biodegradable. Information given is based on data obtained from similar substances.

## 12.3. Bioaccumulative potential

no data available

## 12.4. Mobility in soil

no data available

## 12.5. Results of PBT and vPvB assessment





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no data available

### 12.6. Other adverse effects

#### Additional ecological information

We have no quantitative data concerning the ecological effects of this product.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product : If recycling is not practicable, dispose of in compliance with local regulations. Do not contaminate ponds, waterways or ditches with chemical or used container. Can be landfilled after concentration, when in compliance with local regulations. Incinerate only in incinerators capable of scrubbing out acidic combustion products.

## SECTION 14: Transport information

### ADR

- 14.1. UN number: not applicable
- 14.2. UN proper shipping name: not applicable
- 14.3. Transport hazard class(es): not applicable
- 14.4. Packing group: not applicable
- 14.5. Environmental hazards: none
- 14.6. Special precautions for user:  
Not classified as dangerous in the meaning of transport regulations.

### IATA\_C

- 14.1. UN number: not applicable
- 14.2. UN proper shipping name: not applicable
- 14.3. Transport hazard class(es): not applicable
- 14.4. Packing group: not applicable
- 14.5. Environmental hazards: none
- 14.6. Special precautions for user:  
Not classified as dangerous in the meaning of transport regulations.

### IMDG

- 14.1. UN number: not applicable
- 14.2. UN proper shipping name: not applicable
- 14.3. Transport hazard class(es): not applicable
- 14.4. Packing group: not applicable
- 14.5. Environmental hazards: none
- 14.6. Special precautions for user:  
Not classified as dangerous in the meaning of transport regulations.

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

not applicable

## SECTION 15: Regulatory information

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

no data available

### 15.2. Chemical Safety Assessment



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A Chemical Safety Assessment is not required for this/these products

**SECTION 16: Other information**

**Text of R-phrases mentioned in Section 3**

R22 Harmful if swallowed.  
R35 Causes severe burns.

**Full text of H-Statements referred to under section 3.**

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.

**Restrictions on use**

Do not use DuPont materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract that is consistent with DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative. You may also request a copy of the DuPont POLICY Regarding Medical Applications H-50103-3 and DuPont CAUTION Regarding Medical Applications H-50102-3.

**Further information**

Before use read DuPont's safety information.,<sup>®</sup> Registered trademark of E.I. du Pont de Nemours and Company, The DuPont Oval Logo is a registered trademark of E.I. du Pont de Nemours and Company.  
An Exposure Scenario (ES) is not required.

Significant change from previous version is denoted with a double bar.

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