



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006

## DUPLEX

Revision date: 03.12.2024

Page 1 of 8

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

#### 1.1. Product identifier

DUPLEX

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

##### Use of the substance/mixture

Adhesives, sealants  
adhesive tape

##### Uses advised against

No information available.

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

##### Pro Clima Australia Pty Ltd.

Level 3/15-21 Doody St, Alexandria NSW 2015  
1800 PRO CLIMA (776 254)  
welcome@proclima.com.au  
www.proclima.com.au

##### Pro Clima NZ Ltd.

Level 1/47 The Esplanade, Petone, Lower Hutt 5012  
PO Box 925, Wellington 6140  
0800 PRO CLIMA (776 254)  
welcome@proclima.co.nz  
www.proclima.co.nz

#### 1.4. Emergency telephone number: Emergency medical information in case of poisoning:

**Australia:**  
Poison Information Centre (National)  
13 11 26 (24hrs)

**New Zealand:**  
National Poison Centre  
0800 764 766 (24hrs)  
0800 POISON

##### Further Information

No information available.

### SECTION 2: Hazards identification

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

##### Regulation (EC) No. 1907/2006

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1907/2006.

#### 2.2. Label elements

#### 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Acrylic ester copolymer-based adhesive

##### Further Information

No information available.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### DUPLEX

Revision date: 03.12.2024

Page 2 of 8

#### General information

No special measures are necessary.

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### After inhalation

No special measures are necessary.

#### After contact with skin

Gently wash with plenty of soap and water.

In case of skin irritation, consult a physician.

#### After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

#### After ingestion

Rinse mouth thoroughly with water. Let 1 glass of water be drunken in little sips (dilution effect).

Do NOT induce vomiting.

Call a doctor if you feel unwell.

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

No information available.

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

First Aid, decontamination, treatment of symptoms.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>), Water spray jet, Foam, Extinguishing powder

##### Unsuitable extinguishing media

Full water jet

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

No information available.

#### 5.3. Advice for firefighters

Special protective equipment for firefighters Protective clothing.

In case of fire: Wear self-contained breathing apparatus.

#### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Dispose of waste according to applicable legislation.

### SECTION 6: Accidental release measures

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

##### General advice

See protective measures under point 7 and 8.

Personal protection equipment: see section 8

Avoid contact with eyes and skin.

##### For non-emergency personnel

No further relevant information available.

##### For emergency responders

No further relevant information available.



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### DUPLEX

Revision date: 03.12.2024

Page 3 of 8

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

#### **6.3. Methods and material for containment and cleaning up**

##### **For containment**

Take up mechanically, placing in appropriate containers for disposal.

##### **For cleaning up**

Water (with cleaning agent)

Clean with detergents. Avoid solvent cleaners.

##### **Other information**

Provide adequate ventilation.

Treat the recovered material as prescribed in the section on waste disposal.

#### **6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Wear personal protection equipment (refer to section 8).

Avoid contact with eyes and skin.

Avoid: Dust deposits

##### **Advice on protection against fire and explosion**

Usual measures for fire prevention.

##### **Advice on general occupational hygiene**

Only wear fitting, comfortable and clean protective clothing.

When using do not eat, drink, smoke, sniff.

Wash hands before breaks and after work.

##### **Further information on handling**

When using do not eat, drink, smoke, sniff.

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

##### **Requirements for storage rooms and vessels**

Store in a dry place. Relative air humidity: 50%

Recommended storage temperature: at room temperature (21°C)

Keep away from heat.

##### **Hints on joint storage**

No information available.

##### **Further information on storage conditions**

Keep away from: Heat, Humidity

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

No information available.

## SECTION 8: Exposure controls/personal protection

#### **8.1. Control parameters**



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### DUPLEX

Revision date: 03.12.2024

Page 4 of 8

#### Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

#### 8.2. Exposure controls

##### Appropriate engineering controls

No special measures are necessary.

##### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Recommended eye protection articles: Eye glasses DIN EN 166

##### Hand protection

Use of protective gloves, Tested protective gloves must be worn

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Thickness of the glove material: No information available.

Breakthrough time: No information available.

##### Skin protection

Wear suitable protective clothing.

##### Respiratory protection

Usually no personal respirative protection necessary. Respiratory protection necessary at: exceeding exposure limit values, Generation/formation of dust

##### Thermal hazards

not relevant

##### Environmental exposure controls

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

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

|                 |             |
|-----------------|-------------|
| Physical state: | solid       |
| Colour:         | transparent |
| Odour:          | odourless   |

##### Changes in the physical state

|   |                   |
|---|-------------------|
| Melting point/freezing point:                             | No data available |
| Boiling point or initial boiling point and boiling range: | No data available |
| Flash point:  | No data available |

##### Flammability

|               |                   |
|---------------|-------------------|
| Solid/liquid: | No data available |
| Gas:          | No data available |

##### Explosive properties

not explosive.

|                         |                   |
|-------------------------|-------------------|
| Lower explosion limits: | No data available |
| Upper explosion limits: | No data available |

##### Self-ignition temperature

|        |                   |
|--------|-------------------|
| Solid: | No data available |
|--------|-------------------|



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### DUPLEX

Revision date: 03.12.2024

Page 5 of 8

|  |                       |
|--|-----------------------|
| Gas:                                   | No data available     |
| Decomposition temperature:             | No data available     |
| pH-Value:                              | No data available     |
| Viscosity / dynamic:                   | No data available     |
| Water solubility:                      | practically insoluble |
| <b>Solubility in other solvents</b>    |                       |
| not determined                         |                       |
| Partition coefficient n-octanol/water: | No data available     |
| Vapour pressure:                       | No data available     |
| Density:                               | No data available     |
| Relative vapour density:               | No data available     |

#### **9.2. Other information**

##### **Information with regard to physical hazard classes**

Sustaining combustion: No data available

Oxidizing properties

This information is not available.

##### **Other safety characteristics**

Solvent content: No information available.

Evaporation rate: No data available

##### **Further Information**

No information available.

## SECTION 10: Stability and reactivity

### **10.1. Reactivity**

No information available.

### **10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

### **10.3. Possibility of hazardous reactions**

No known hazardous reactions.

### **10.4. Conditions to avoid**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### **10.5. Incompatible materials**

No information available.

### **10.6. Hazardous decomposition products**

Does not decompose when used for intended uses.

#### **Further information**

No information available.

## SECTION 11: Toxicological information

### **11.1. Information on hazard classes as defined in Regulation (EC) No. 1907/2006**

#### **Acute toxicity**

Based on available data, the classification criteria are not met.



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### DUPLEX

Revision date: 03.12.2024

Page 6 of 8

#### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.

#### **Sensitising effects**

Based on available data, the classification criteria are not met.

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

#### **STOT-single exposure**

Based on available data, the classification criteria are not met.

#### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

#### **Aspiration hazard**

Based on available data, the classification criteria are not met.

### **11.2. Information on other hazards**

#### **Endocrine disrupting properties**

No information available.

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

No information available.

### **12.2. Persistence and degradability**

Poorly biodegradable.

### **12.3. Bioaccumulative potential**

No information available.

### **12.4. Mobility in soil**

No data available

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### **12.6. Endocrine disrupting properties**

No information available.

### **12.7. Other adverse effects**

No information available.

#### **Further information**

No information available.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **Disposal recommendations**

non-hazardous waste

Dispose of waste according to applicable legislation. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

#### **List of Wastes Code - residues/unused products**

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### DUPLEX

Revision date: 03.12.2024

Page 7 of 8

#### Contaminated packaging

Completely emptied packages can be recycled.  
Dispose of waste according to applicable legislation.  
For cleaning up: Water (with cleaning agent)

### SECTION 14: Transport information

#### Land transport (ADR/RID)

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

#### Inland waterways transport (ADN)

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

#### Marine transport (IMDG)

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

#### Air transport (ICAO-TI/IATA-DGR)

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No information available.

#### 14.7. Maritime transport in bulk according to IMO instruments

No information available.

#### Other applicable information

No information available.

### SECTION 15: Regulatory information

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

##### EU regulatory information

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

##### Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)  
Classification according to Regulation (EC) No 1272/2008 [CLP]



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### DUPLEX

Revision date: 03.12.2024

Page 8 of 8

DIRECTIVE (EU) 2018/851 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 30 May 2018 amending Directive 2008/98/EC on waste  
DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

#### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

#### Additional information

Germany:  
Ordinance on systems for handling water-polluting substances (AwSV)

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,5,6,7,8,9,10,11,12,14,15.

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer  
(Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
EC50: Effect concentration, 50 percent  
DNEL: Derived No Effect Level  
PNEC: Predicted No Effect Concentration  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

#### Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*