

**NEMPAL 140 Awning & Roofing Caulk**Version:  
24-01Revision Date:  
-Date of Last Issue:  
-Date of First Issue:  
01/09/2024

---

**SECTION 1: Identification of the hazardous chemical and of the supplier****1.1 Product identifier**

Name : 140 Awning &amp; Roofing Caulk

**1.2 Other means of identification**

No additional information available

**1.3 Recommended use of the chemical and restrictions on use**

Recommended use : Sealant

**1.4 Supplier details**

Company : Bond Alike Sdn. Bhd.  
Address : No. 15, Jalan BP 4/1, Bandar Bukit Puchong, 47120 Puchong, Selangor, Malaysia.  
Phone : +603 5889 1615  
Email : info@nempal.com

**1.5 Emergency phone number**

+603 5889 1615

---

**SECTION 2: Hazards identification****2.1 Classification of the hazardous chemical****Classification according to Industry Code of Practice on chemicals classification and hazard communication (2019)**

Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412

**2.2 Label elements****Labelling according to Industry Code of Practice on chemicals classification and hazard communication (2019)**

Signal word (GHS MY) : -  
Hazard statements (GHS MY) : H412 - Harmful to aquatic life with long lasting effects.  
Precautionary statements (GHS MY) : P273 - Avoid release to the environment.  
P501 - Dispose of contents/container to hazardous or special waste collection point,  
in accordance with local, regional, national and/or international regulation.

**2.3 Other hazards that do not result in classification**

No additional information available

---

**SECTION 3: Composition and information of the ingredients of the hazardous chemical****3.1 Substances**

Not applicable

**3.2 Mixtures**

This mixture does not contain any substances to be mentioned according to the applicable regulations.

**NEMPAL 140 Awning & Roofing Caulk**Version:  
24-01Revision Date:  
-Date of Last Issue:  
-Date of First Issue:  
01/09/2024

---

**SECTION 4: First-aid measures****4.1 Description of necessary first aid measures**

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison centre or a doctor if feel unwell.

**4.2 Most important symptoms/effects, acute and delayed**

No additional information available

**4.3 Indication of immediate medical attention and special treatment needed, if necessary**

Other medical advice or treatment : Treat symptomatically.

---

**SECTION 5: Fire-fighting measures****5.1 Suitable extinguishing media**

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon Dioxide.

**5.2 Physicochemical hazards arising from the chemical**

Hazardous decomposition products in case of fire : Toxic fumes may be released.

**5.3 Special protective equipment and precautions for fire fighters**

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

---

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment, and emergency procedures****6.1.1 For non-emergency personnel**

Emergency procedures : Ventilate spillage area.

**6.1.2 For emergency responders**

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection"

**6.2. Environmental precautions**

Avoid release to the environment.

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

Methods for cleaning up : Mechanically recover the product.

## NEMPAL 140 Awning & Roofing Caulk

Version:  
24-01

Revision Date:  
-

Date of Last Issue:  
-

Date of First Issue:  
01/09/2024

---

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the workstation. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

---

### SECTION 8: Exposure controls and personal protection

#### 8.1 Control parameters

No additional information available

#### Exposure limit values for the other components

No additional information available

##### 8.1.1 Biological monitoring




No additional information available

#### 8.2 Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the workstation.

#### 8.3. Individual protection measures, such as PPE

Hand protection : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s) :   

Environmental exposure controls : Avoid release to the environment

---

### SECTION 9: Physical and chemical properties

Physical state : Solid  
Appearance : Paste  
Colour : Various Colors  
Odour : Characteristic odour  
Odour threshold : No data available  
pH : Not applicable  
Melting point : Not applicable  
Freezing point : Not applicable  
Boiling point : No data available  
Flash point : No data available

**NEMPAL 140 Awning & Roofing Caulk**Version:  
24-01Revision Date:  
-Date of Last Issue:  
-Date of First Issue:  
01/09/2024

---

Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not flammable
Explosive limits	:	Not applicable
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	≈ 1.6
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Partition coefficient n-octanol/water (Log Kow)	:	No data available
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	No data available
Viscosity, kinematic	:	Not applicable
Viscosity, dynamic	:	No data available

---

**SECTION 10: Stability and reactivity**

---

Reactivity	:	The product is non-reactive under normal conditions of use, storage and transport
Chemical stability	:	Stable under normal conditions
Possibility of hazardous reactions	:	No dangerous reactions known under normal conditions of use
Conditions to avoid	:	None under recommended storage and handling conditions (see section 7)
Incompatible materials	:	No data available
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced

---

**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

---

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified
Skin corrosion/irritation	:	Not classified. pH: No data available.
Serious eye damage/irritation	:	Not classified
Respiratory sensitization	:	Not classified
Skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
STOT-single exposure	:	Not classified
Aspiration hazard	:	Not classified.

---

**SECTION 12: Ecological information****12.1 Ecotoxicity**

---

Ecology - general	:	Harmful to aquatic life with long lasting effects.
-------------------	---	--

## NEMPAL 140 Awning & Roofing Caulk

Version:  
24-01

Revision Date:  
-

Date of Last Issue:  
-

Date of First Issue:  
01/09/2024

Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

### 12.2 Persistence and degradability

No additional information available

140 Awning & Roofing Caulk	
Persistence and degradability	No additional information available

### 12.3 Bioaccumulative potential

No additional information available

### 12.4 Mobility in soil

No additional information available

### 12.5 Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

## SECTION 13: Disposal information

### 13.1 Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transportation information

In accordance with IMDG / IATA / UN RTDG.

### 14.1 UN number

UN-No.(UN RTDG) : Not regulated  
UN-No. (IMDG) : Not regulated  
UN-No. (IATA) : Not regulated

### 14.2 UN proper shipping name

Proper Shipping Name (UN RTDG) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable

### 14.3 Transport hazard class(es)

**UN RTDG**  
Transport hazard class(es) (UN RTDG) : Not applicable

**IMDG**  
Transport hazard class(es) (IMDG) : Not applicable

## NEMPAL 140 Awning & Roofing Caulk

Version:  
24-01

Revision Date:  
-

Date of Last Issue:  
-

Date of First Issue:  
01/09/2024

### IATA

Transport hazard class(es) (IATA) : Not applicable

### 14.4 Packing Group, if applicable

Packing group (UN RTDG) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

### 14.5 Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

### 14.6 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

#### UN RTDG

No data available.

#### IMDG

No data available.

#### IATA

No data available.

### 14.7 Special precautions for user

Not applicable

### 14.8 Hazchem or Emergency Action Code

Not applicable

## SECTION 15: Regulatory information

### 15.1 Safety, health, and environmental regulations specific for the hazardous chemical in question

Regulation	Component/ Mixture
Environmental Quality (Chlorofluorocarbons Prohibition) Order 1993	140 Awning & Roofing Caulk
Environmental Quality (Industrial Effluent) Regulations 2009	
Environmental Quality (Scheduled Wastes) Regulations 2007	
Control of Industrial Major Accident Hazards Regulations 1996	
Prohibition of Use of Substance Order 1999	
Use and Standards of Exposure of Chemical Hazardous to Health Regulations 2000	
Chemical Weapons Convention Act	
Corrosive and Explosive Substances and Offensive Weapons Act	
Dangerous Drugs Act	
Petroleum (Safety Measures) Act	
Poisons Act 1952	
Poisons (Psychotropic Substances) Regulations 1989	
Pesticides Act	

**NEMPAL 140 Awning & Roofing Caulk**Version:  
24-01Revision Date:  
-Date of Last Issue:  
-Date of First Issue:  
01/09/2024**15.2 International agreements**

No additional information available

**SECTION 16: Other information****16.1 Abbreviations and acronyms**

CAS-No. - Chemical Abstract Service number  
ATE - Acute Toxicity Estimate  
EC50 - Median effective concentration  
EC-No. - European Community number  
IATA - International Air Transport Association  
IMDG - International Maritime Dangerous Goods  
LC50 - Median lethal concentration  
LD50 - Median lethal dose  
LOAEL - Lowest Observed Adverse Effect Level  
N.O.S. - Not Otherwise Specified  
NOAEC - No-Observed Adverse Effect Concentration  
NOAEL - No-Observed Adverse Effect Level  
NOEC - No-Observed Effect Concentration  
OEL - Occupational Exposure Limit  
SDS - Safety Data Sheet

**16.2 Full text of H-statements**

Aquatic Chronic 3 : Hazardous to the aquatic environment – Chronic Hazard, Category 3  
H412 : Harmful to aquatic life with long lasting effects.

**16.3 Date Format**

Date format : dd/mm/yyyy

**Safety Data Sheet (SDS), Malaysia**

Safety Data Sheets are updated from time to time. Please ensure that you have the latest copy. SDS may be obtained from the following website [www.nempal.com](http://www.nempal.com)

The information provided is based on our current knowledge and is intended solely to describe the product for health, safety, and environmental compliance purposes. It should not be interpreted as a warranty of any particular product characteristic.