

**NEMPAL 130 Classic Joint Sealant**Version:  
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01/09/2024**SECTION 1: Identification of the hazardous chemical and of the supplier****1.1 Product identifier**

Name : NEMPAL 130 Classic Joint Sealant

**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 : sales@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)  
Not classified.

**2.2 Label elements**

Labelling according to Industry Code of Practice on chemicals classification and hazard communication (2019)  
No labelling applicable.

**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**

Name	Product identifier	%	Classification according to Industry Code of Practice on chemicals classification and hazard communication (2019)
TRIMETHOXYVINYLSILANE	CAS-No.: 2768-02-7	1 - 5	Flam. Liq. 3, H226Acute Tox. 4 (Inhalation), H332 Skin Sens. 1, H317
N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE	CAS-No.: 1760-24-3	1 - 5	Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335

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**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.

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

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

**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.

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**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.

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01/09/2024**6.3. Methods and materials for containment and cleaning up**

Methods for cleaning up : Mechanically recover the product.

**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 work station.

**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 : Odourless

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Odour threshold	:	No data available
pH	:	No data available
Melting point	:	No data available
Freezing point	:	Not applicable
Boiling point	:	No data available
Flash point	:	Not applicable
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	:	≈ 1.5
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
VOC content	:	No data available

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**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

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**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

N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE (1760-24-3)	
LD50 oral rat	2295 mg/kg
LD50 dermal	2000 mg/kg

Silane, ethenyltrimethoxy- (2768-02-7)	
LD50 oral rat	7340 µl/kg

Skin corrosion/irritation	:	Causes skin irritation.
Serious eye damage/irritation	:	Causes serious eye damage.

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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

N-(3-(TRIMETHOXSILYL)PROPYL)ETHYLENEDIAMINE (1760-24-3)	
STOT-single exposure	May cause respiratory irritation

STOT-repeated exposure	:	Not classified
Aspiration hazard	:	Not classified.

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

Ecology - general	:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	:	Not classified
Hazardous to the aquatic environment, long-term (chronic)	:	Not classified

**12.2 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

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**SECTION 13: Disposal information****13.1 Disposal methods**

Waste treatment methods	:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
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**SECTION 14: Transportation information****14.1 UN number**

UN-No.(UN RTDG)	:	Not regulated
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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 regulated  
Proper Shipping Name (IATA) : Not regulated

### 14.3 Transport hazard class(es)

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

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

**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
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Environmental Quality (Chlorofluorocarbons Prohibition) Order 1993	Not applicable	130 Classic Joint Sealant
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	Chemicals requiring medical surveillance	
Chemical Weapons Convention Act	Not applicable	
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		

### 15.2 International agreements

No additional information available

## SECTION 16: Other information

### 16.1 Full text of H-statements

Acute Tox. 4 (Inhalation)	: Acute toxicity (inhal.), Category 4
Aquatic Chronic 4	: Hazardous to the aquatic environment — Chronic Hazard, Category 4
Eye Dam. 1	: Serious eye damage or eye irritation, Category 1
Flam. Liq. 3	: Flammable liquids, Category 3
Repr. 1A	: Reproductive toxicity, Category 1A
Skin Corr. 1A	: Skin corrosion or irritation, Category 1A
Skin Sens. 1	: Skin sensitisation, Category 1
STOT RE 1	: Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 3	: Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	: Flammable liquid and vapour.
H314	: Causes severe skin burns and eye damage.
H317	: May cause an allergic skin reaction
H318	: Causes serious eye damage.
H332	: Harmful if inhaled.
H335	: May cause respiratory irritation.
H360	: May damage fertility or the unborn child.
H372	: Causes damage to organs through prolonged or repeated exposure.
H413	: May cause long lasting harmful effects to aquatic life.

### 16.2 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

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NOEC - No-Observed Effect Concentration  
OEL - Occupational Exposure Limit  
SDS - Safety Data Sheet

### 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.

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