

**NEMPAL<sup>®</sup> 151 GP Why Nail**Version:  
25-02Revision Date:  
15/10/2025Date of Last Issue:  
-Date of First Issue:  
01/05/2025**SECTION 1: Identification of the hazardous chemical and of the supplier****1.1 Product identifier**

Name : 151 GP Why Nail

**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)

Flammable liquids, Category 2	H225
Skin corrosion or irritation, Category 2	H315
Reproductive toxicity, Category 2	H361
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336
Specific target organ toxicity – Repeated exposure, Category 2	H373
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411

**2.2 Label elements**

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

Hazard pictograms (GHS MY)	:	
Signal word (GHS MY)	:	Danger
Contains	:	NAPHTHA (PETROLEUM), HYDROTREATED LIGHT H225 - Highly flammable liquid and vapour. H315 - Causes skin irritation.
Hazard statements (GHS MY)	:	H336 - May cause drowsiness or dizziness. H361 - Suspected of damaging fertility or the unborn child. H373 - May cause damage to organs through prolonged or repeated exposure. H411 - Toxic to aquatic life with long lasting effects P201 - Obtain special instructions before use.
Precautionary statements (GHS MY)	:	P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

## NEMPAL® 151 GP Why Nail

Version:  
25-02

Revision Date:  
15/10/2025

Date of Last Issue:  
-

Date of First Issue:  
01/05/2025

P233 - Keep container tightly closed.  
P240 - Ground/bond container and receiving equipment.  
P241 - Use explosion-proof electrical/ventilating/lighting equipment.

### 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)
Methyl Acetate	CAS-No.: 79-20-9	10 – 30	Flam. Liq. 2, H225 Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) Acute Tox. Not classified (Inhalation:dust,mist) Eye Irrit. 2, H319 STOT SE 3, H336

## SECTION 4: First-aid measures

### 4.1 Description of necessary first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.  
 First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
 First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.  
 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

Symptoms/effects : May cause drowsiness or dizziness.  
 Symptoms/effects after eye contact : Irritation.

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

Other medical advice or treatment : Treat symptomatically.

**NEMPAL<sup>®</sup> 151 GP Why Nail**Version:  
25-02Revision Date:  
15/10/2025Date of Last Issue:  
-Date of First Issue:  
01/05/2025

---

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

Suitable extinguishing media : Dry powder. Foam. Carbon dioxide..

**5.2 Physicochemical hazards arising from the chemical**Fire hazard : Highly flammable liquid and vapour.  
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.  
EAC code : •3YE

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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. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

**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**For containment : Collect spillage.  
Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.  
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

## NEMPAL® 151 GP Why Nail

Version:  
25-02

Revision Date:  
15/10/2025

Date of Last Issue:  
-

Date of First Issue:  
01/05/2025

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

Technical measures : Ground/bond container and receiving equipment.  
Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls and personal protection

### 8.1 Control parameters

Methyl Acetate (79-20-9)	
<b>Malaysia - Occupational Exposure Limits</b>	
Local name	: Metil asetat # Methyl acetate
PEL TWA (mg/m <sup>3</sup> )	: 606 mg/m <sup>3</sup>
PEL TWA (ppm)	: 200 ppm
MEL (mg/m <sup>3</sup> )	: 1818 mg/m <sup>3</sup>
MEL (ppm)	: 600 ppm
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	: Methyl acetate
ACGIH TWA (ppm)	: 200 ppm
ACGIH STEL (ppm)	: 250 ppm
Remark (ACGIH)	: TLV® Basis: Headache; dizziness; nausea; eye dam (degeneration of ganglion cells in the retina)
Regulatory reference	: ACGIH 2021

#### 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

## NEMPAL® 151 GP Why Nail

Version:  
25-02

Revision Date:  
15/10/2025

Date of Last Issue:  
-

Date of First Issue:  
01/05/2025

### SECTION 9: Physical and chemical properties

Physical state	:	Liquid
Appearance	:	Paste
Colour	:	Light Beige
Odour	:	Characteristic odour
Odour threshold	:	No data available
pH	:	Not applicable
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	> 35° C
Flash point	:	< 23° C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Explosive limits	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	Not applicable
Relative density	:	≈ 1.3
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	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
VOC content	:	No data available

### SECTION 10: Stability and reactivity

Reactivity	:	Highly flammable liquid and vapour
Chemical stability	:	Stable under normal conditions
Possibility of hazardous reactions	:	No dangerous reactions known under normal conditions of use
Conditions to avoid	:	Avoid contact with hot surfaces, heat, no flames, no sparks. Eliminate all sources of ignition.
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

Methyl Acetate (79-20-9)		
LD50 oral rat	:	≈ 6482 mg/kg
LD50 dermal rat	:	> 2000 mg/kg
LC50 Inhalation - Rat	:	> 49.2 mg/l
Skin corrosion/irritation	:	Causes skin irritation. pH: Not applicable

## NEMPAL® 151 GP Why Nail

Version:  
25-02

Revision Date:  
15/10/2025

Date of Last Issue:  
-

Date of First Issue:  
01/05/2025

Serious eye damage/irritation	:	Not classified
Respiratory sensitization	:	Not classified
Skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Suspected of damaging fertility or the unborn child
STOT-single exposure	:	May cause drowsiness or dizziness.

Methyl Acetate (79-20-9)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure	:	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	:	Not classified.
Viscosity, kinematic	:	> 40 mm <sup>2</sup> /s

### SECTION 12: Ecological information

#### 12.1 Ecotoxicity

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

151 GP Why Nail	
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.
Additional information	:	Flammable vapours may accumulate in the container.

**NEMPAL<sup>®</sup> 151 GP Why Nail**Version:  
25-02Revision Date:  
15/10/2025Date of Last Issue:  
-Date of First Issue:  
01/05/2025**SECTION 14: Transportation information**

In accordance with IMDG / IATA / UN RTDG.

**14.1 UN number**

UN-No.(UN RTDG) : 1133  
UN-No. (IMDG) : 1133  
UN-No. (IATA) : 1133

**14.2 UN proper shipping name**

Proper Shipping Name (UN RTDG) : Adhesives  
Proper Shipping Name (IMDG) : Adhesives  
Proper Shipping Name (IATA) : Adhesives

**14.3 Transport hazard class(es)****UN RTDG**

Transport hazard class(es) (UN RTDG) : 3  
Danger Labels (UN RTDG) : 3

**IMDG**

Transport hazard class(es) (IMDG) : 3  
Danger Labels (IMDG) : 3

**IATA**

Transport hazard class(es) (IATA) : 3  
Danger Labels ( IATA) : 3

**14.4 Packing Group, if applicable**

Packing group (UN RTDG) : II

**NEMPAL® 151 GP Why Nail**Version:  
25-02Revision Date:  
15/10/2025Date of Last Issue:  
-Date of First Issue:  
01/05/2025

---

Packing group (IMDG) : II  
Packing group (IATA) : II

**14.5 Environmental hazards**

Dangerous for the environment : Yes  
Marine pollutant : Yes  
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**

Limited quantities (UN RTDG) : 5L  
Excepted quantities (UN RTDG) : E2  
Packing instruction (UN RTDG) : P001, IBC02  
Special packing provisions (UN RTDG) : PP1  
Portable tank and bulk container special instructions (UN RTDG) : T4  
Portable tank and bulk container special provisions (UN RTDG) : TP1, TP8

**IMDG**

Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E2  
Packing instructions (IMDG) : P001  
Special packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC02  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1, TP8  
EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS  
EmS-No. (Spillage) : S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS  
Stowage category (IMDG) : B  
Properties and observations (IMDG) : Adhesives are solutions of gums, resins, etc., usually volatile due to the solvents.  
Miscibility with water depends upon their composition.

**IATA**

PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y341  
PCA limited quantity max net quantity (IATA) : 1L  
PCA packing instructions (IATA) : 353  
PCA max net quantity (IATA) : 5L  
CAO packing instructions (IATA) : 364  
CAO max net quantity (IATA) : 60L  
Special provisions (IATA) : A3  
ERG code (IATA) : 3L

**14.7 Special precautions for user**

Not applicable

**14.8 Hazchem or Emergency Action Code**

EAC code : •3YE

## NEMPAL® 151 GP Why Nail

Version:  
25-02

Revision Date:  
15/10/2025

Date of Last Issue:  
-

Date of First Issue:  
01/05/2025

### SECTION 15: Regulatory information

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

Regulation	Component/ Mixture
<b>EHS Notification and Registration Scheme</b>	151 GP Why Nail
Environmental Quality (Chlorofluorocarbons Prohibition) Order 1993	
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	
Pesticides Act	
Petroleum (Safety Measures) Act	
Poisons Act 1952	
Poisons (Psychotropic Substances) Regulations 1989	

#### 15.2 International agreements

No additional information available

### SECTION 16: Other information

#### 16.1 Full text of H-statements

Aquatic Chronic 2	: Hazardous to the aquatic environment – Chronic Hazard, Category 2
Asp. Haz.	: Aspiration hazard, Category 1
Asp. Tox. Not classified	: Aspiration hazard Not classified
Flam. Liq. 2	: Flammable liquids, Category 2
Repr. 2	: Reproductive toxicity, Category 2
Repr. 2	: Reproductive toxicity, Category 2
Skin Irrit. 2	: Skin corrosion or irritation, Category 2
STOT RE 2	: Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	: Specific target organ toxicity – Single exposure, Category 3, Narcosis
H225	: Highly flammable liquid and vapour.
H304	: May be fatal if swallowed and enters airways.
H315	: Causes skin irritation.
H336	: May cause drowsiness or dizziness.
H361	: Suspected of damaging fertility or the unborn child.
H361f	: Suspected of damaging fertility.
H373	: May cause damage to organs through prolonged or repeated exposure.
H411	: Toxic to aquatic life with long lasting effects

#### 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

## NEMPAL® 151 GP Why Nail

Version:  
25-02

Revision Date:  
15/10/2025

Date of Last Issue:  
-

Date of First Issue:  
01/05/2025

---

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

### 16.3 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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