

NEMPAL[®] 152 Professional Why Nail[™]Version:
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02/01/2026**SECTION 1: Identification of the hazardous chemical and of the supplier****1.1 Product identifier**Name : NEMPAL[®] 152 Professional 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 3	H412

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	:	Methyl Acetate, NAPHTHA (PETROLEUM), HYDROTREATED LIGHT
Hazard statements (GHS MY)	:	H225 - Highly flammable liquid and vapour. H315 - Causes skin irritation. 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. H412 - 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.

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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)
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	CAS-No.: 64742-49-0	10 – 30	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361f STOT SE 3, H336 STOT RE 2, H373 Asp. Haz., H304 Aquatic Chronic 2, H411
Methyl Acetate	CAS-No.: 79-20-9	5-15	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.

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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 : Dry powder. Foam. Carbon dioxide.

5.2 Physicochemical hazards arising from the chemicalFire 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

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

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

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Hygiene measures : 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.
Wash contaminated clothing before reuse. 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

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

NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (64742-49-0)	
Malaysia - Occupational Exposure Limits	
Local name	: Sikloheksana # Cyclohexane
PEL TWA (mg/m ³)	: 1030 mg/m ³
PEL TWA (ppm)	: 300 ppm
MEL (mg/m ³)	: 3090 mg/m ³
MEL (ppm)	: 900 ppm
USA - ACGIH - Occupational Exposure Limits	
Local name	: Cyclohexane
ACGIH TWA (ppm)	: 100 ppm
Remark (ACGIH)	: TLV® Basis: CNS impair
Regulatory reference	: ACGIH 2021
USA - ACGIH - Biological Exposure Indices	
Local name	: n-HEXANE
Biological Exposure Indices (BEI)	: 0.5 mg/l Parameter: 2,5-Hexanedione (without hydrolysis) - Medium: urine - Sampling time: End of shift
Regulatory reference	: ACGIH 2021

Methyl Acetate (79-20-9)	
Malaysia - Occupational Exposure Limits	
Local name	: Metil asetat # Methyl Acetate
PEL TWA (mg/m ³)	: 606 mg/m ³
PEL TWA (ppm)	: 200 ppm
MEL (mg/m ³)	: 1818 mg/m ³
MEL (ppm)	: 600 ppm
USA - ACGIH - Occupational Exposure Limits	
Local name	: Methyl Acetate
ACGIH TWA (ppm)	: 200 ppm
ACGIH STEL (ppm)	: 300 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

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02/01/2026**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

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02/01/2026**SECTION 9: Physical and chemical properties**

Physical state	:	Liquid
Appearance	:	Paste
Colour	:	Light Brown
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	:	≈ 1.25
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

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Skin corrosion/irritation	:	Causes skin irritation. pH: Not applicable
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.

NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (64742-49-0)	
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.

NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (64742-49-0)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure

Aspiration hazard	:	Not classified.
Viscosity, kinematic	:	> 40 mm ² /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

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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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02/01/2026**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.

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

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02/01/2026**14.4 Packing Group, if applicable**

Packing group (UN RTDG)	:	II
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

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14.7 Special precautions for user

Not applicable

14.8 Hazchem or Emergency Action Code

EAC code : •3YE

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SECTION 15: Regulatory information

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

Regulation	Component/ Mixture
EHS Notification and Registration Scheme	NEMPAL® 152 Professional 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

Full text of H-statements

Acute Tox. Not classified (Dermal)	Acute toxicity (dermal) Not classified
Acute Tox. Not classified (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Not classified
Acute Tox. Not classified (Oral)	Acute toxicity (oral) Not classified
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Haz.	Aspiration hazard, Category 1
Asp. Tox. Not classified	Aspiration hazard Not classified
Eye Irrit. 2	Serious eye damage or eye irritation, Category 2
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.
H319	Causes serious eye 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.
H412	Harmful to aquatic life with long lasting effects.

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02/01/2026**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
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 <https://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.