AS-5000 Aqua Nails Construction Adhesive Sealant

Safety Data Sheet

according to ICOP 2014,2019
Issue date: 14/12/2020 Revision date: 26/2/2026 Supersedes: 14/2/2024 Version: 4.0

SECTION 1: Identification of the hazardous chemical and of the supplier

1.1. Product identifier

Name : AS-5000 Aqua Nails Construction Adhesive Sealant

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Sealants

1.4. Supplier details

Manufacturer
Alseal Marketing Sdn. Bhd.
Lot 53, Jalan Industri 2/2,
Rawang Integrated Industrial Park,
48000 Rawang, Selangor, Malaysia.
T +603-60942088 - F +603-60992930
info@alsealmarketing.com

1.5. Emergency phone number

No additional information available

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
Specific target organ toxicity — Single exposure, Category 3, Narcotic effects	H336
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
Hazard statements (GHS MY) : H225 - Highly flammable liquid and vapour.
H315 - Causes skin irritation.
H336 - May cause drowsiness or dizziness.
H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (GHS MY) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.

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 STOT SE 3, H336 Asp. Haz., H304 Aquatic Chronic 2, H411

SECTION 4: First-aid measures

4.1. Description of necessary first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.
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 center or a doctor if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

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

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.
Unsuitable extinguishing media : Water spray.

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

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. Avoid breathing 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.

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. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. 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.

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. Keep container tightly closed. Store locked up.

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	:	Liquid
Appearance	:	Paste.
Colour	:	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	:	≥ 1.19 – ≤ 1.22
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	:	> 40 mm²/s
Viscosity, dynamic	:	No data available

SECTION 10: Stability and reactivity

Reactivity	:	The product is non-reactive under normal conditions of use, storage and transport,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	:	None under recommended storage and handling conditions (see section 7),Avoid contact with hot surfaces,Heat,No flames, no sparks. Eliminate all sources of ignition
Incompatible materials	:	No additional information 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 : 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 : Not classified
STOT-single exposure : May cause drowsiness or dizziness.

NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (64742-49-0)	
STOT-single exposure	May cause drowsiness or dizziness.

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

AS-5000 Aqua Nails Construction Adhesive Sealant	
Viscosity, kinematic	> 40 mm²/s

SECTION 12: Ecological information

12.1. Ecotoxicity

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

12.2. Persistence and degradability

AS-5000 Aqua Nails Construction Adhesive Sealant	
Persistence and degradability	Not rapidly degradable

NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (64742-49-0)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

AS-5000 Aqua Nails Construction Adhesive Sealant	
Bioaccumulative potential	No additional information available

12.4. Mobility in soil

AS-5000 Aqua Nails Construction Adhesive Sealant	
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.

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
Transport document description (UN RTDG) : UN 1133 ADHESIVES, 3, II, ENVIRONMENTALLY HAZARDOUS
Transport document description (IMDG) : UN 1133 ADHESIVES, 3, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
Transport document description (IATA) : UN 1133 Adhesives, 3, II, ENVIRONMENTALLY HAZARDOUS

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
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)

Not applicable

14.7. Special precautions for user

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

14.8. Hazchem or Emergency Action Code

EAC code : •3YE.

SECTION 15: Regulatory information

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

AS-5000 Aqua Nails Construction Adhesive Sealant

Regulation		Component/ Mixture
Environmental Quality (Chlorofluorocarbons Prohibition) Order 1993	Not applicable	AS-5000 Aqua Nails Construction Adhesive Sealant
Environmental Quality (Industrial Effluent) Regulations 2009		AS-5000 Aqua Nails Construction Adhesive Sealant
Environmental Quality (Scheduled Wastes) Regulations 2007		AS-5000 Aqua Nails Construction Adhesive Sealant
Control of Industrial Major Accident Hazards Regulations 1996		AS-5000 Aqua Nails Construction Adhesive Sealant

Prohibition of Use of Substance Order 1999		AS-5000 Aqua Nails Construction Adhesive Sealant
Use and Standards of Exposure of Chemical Hazardous to Health Regulations 2000		AS-5000 Aqua Nails Construction Adhesive Sealant
Chemical Weapons Convention Act		AS-5000 Aqua Nails Construction Adhesive Sealant
Corrosive and Explosive Substances and Offensive Weapons Act		AS-5000 Aqua Nails Construction Adhesive Sealant
Dangerous Drugs Act		AS-5000 Aqua Nails Construction Adhesive Sealant
Pesticides Act		AS-5000 Aqua Nails Construction Adhesive Sealant
Petroleum (Safety Measures) Act		AS-5000 Aqua Nails Construction Adhesive Sealant
Poisons Act 1952		AS-5000 Aqua Nails Construction Adhesive Sealant
Poisons (Psychotropic Substances) Regulations 1989		AS-5000 Aqua Nails Construction Adhesive Sealant

15.2. International agreements

No additional information available

SECTION 16: Other information

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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

Full text of H-statements	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Asp. Haz.	Aspiration hazard, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Skin Irrit. 2	Skin corrosion or irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcotic effects
H225	Highly flammable liquid and vapour.

Full text of H-statements	
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Safety Data Sheet (SDS), Malaysia

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.