
SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: Flexseal NS901
- Other means of Identification
- UFI: Xyz
- Product Part Number: C12/07/02/007

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture: Neutral silicone sealant

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Ayla for Building Materials Industry & Trade
- Address of Supplier: Al-Karadeh, Arsat Al-Hindia
Baghdad
- Telephone: +964 790 1488 730
- Email: Info.iraq@dcp-int.com

1.4 Emergency telephone number

- Emergency Telephone: National Poison Information Centre
Tel.: +964 790 1488 730

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Aquatic Chronic 3

2.2 Label elements



- Signal Word: Warning

Hazard statements

SECTION 2: Hazards identification (....)

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

P102 - Keep out of reach of children.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P264 - Wash thoroughly after handling.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P272 - Contaminated work clothing should not be allowed out of the workplace.

2.3 Other hazards

- Contains: Butan-2-one O,O',O''-(methylsilylidyne)trioxime
Butan-2-one O,O',O''-(vinylsilylidyne)trioxime

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics

CAS Number: -

EC Number: 934-956-3

Concentration: < 30%

Categories: Asp. Tox. 1

Symbols: GHS08

H Statements: H304

Butan-2-one O,O',O''-(methylsilylidyne)trioxime

CAS Number: 22984-54-9

EC Number: 245-366-4

Concentration: < 3.5%

Categories: Eye Irrit. 2, Skin Sens. 1, STOT RE 2

Symbols: GHS08, GHS07

H Statements: H317, H319, H373

Butan-2-one O,O',O''-(vinylsilylidyne)trioxime

CAS Number: 2224-33-1

SECTION 3: Composition/information on ingredients (....)

EC Number: 218-747-8
 Concentration: < 1%
 Categories: Eye Dam. 1, Skin Sens. 1B, STOT RE 2
 Symbols: GHS08, GHS05, GHS07
 H Statements: H373, H318, H317

N-(3-(trimethoxysilyl)propyl)ethylenediamine

CAS Number: 1760-24-3
 EC Number: 217-164-6
 Concentration: < 1%
 Categories: Eye Dam. 1, Skin Sens. 1B, STOT SE 3
 Symbols: GHS05, GHS07
 H Statements: H318, H317, H335

Dibutyltin dilaurate

CAS Number: 77-58-7
 EC Number: 201-039-8
 Concentration: < 0.2%
 Categories: Acute Tox. 4, Skin Corr. 1C, Skin Sens. 1, Muta. 2, Repr. Cat. 1B, STOT SE 1, STOT RE 1, Aquatic Acute 1
 Symbols: GHS05, GHS07, GHS08, GHS09
 H Statements: H302, H314, H317, H341, H360, H370, H372, H410

pyrithione zinc; (T-4)- bis[1-(hydroxy-.kappa.O)pyridine-2(1H)- thionato-.kappa.S]zinc

CAS Number: 13463-41-7
 EC Number: 236-671-3
 Concentration: < 0.035%
 Categories: Acute Tox. 2, Acute Tox. 3, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1
 Symbols: GHS06, GHS05, GHS09
 H Statements: H301, H330, H318, H400, H410

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 Get medical advice/attention if you feel unwell.

Contact with skin

IF ON SKIN: Wash with plenty of soap and water.
 If skin irritation or rash occurs: Get medical advice/attention.
 Wash contaminated clothing before reuse.

SECTION 4: First aid measures (....)

Contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Ingestion

Do NOT induce vomiting.

Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

During curing oxime butan-2-one is formed.

4.3 Indication of any immediate medical attention and special treatment needed

- No information available
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SECTION 5: Firefighting measures

5.1 Extinguishing media

- Use extinguishing media suitable to the surrounding conditions. Use water spray to cool containers.
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
- Do not use water jets

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire
Carbon monoxide (CO).
Silica dioxide.
Hydrocarbons, aldehydes.

5.3 Advice for firefighters

- Keep container(s) exposed to fire cool, by spraying with water
 - Wear Positive-Pressure Breathing Apparatus
 - Wear full protective clothing including chemical protection suit
 - May give off noxious and toxic fumes in a fire
-

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Ensure adequate ventilation
- Wear suitable protective clothing
- Evacuate the area and keep personnel upwind

6.2 Environmental precautions

- Avoid release to the environment.
 - Do not allow to enter public sewers and watercourses
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SECTION 6: Accidental release measures (....)

- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Ensure adequate ventilation

6.4 Reference to other sections

- See Section 7, 8, 13
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Avoid contact with skin and eyes
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Ensure adequate ventilation
- Keep away from heat and sources of ignition
- Keep away from heat, sparks, open flames and hot surfaces
- Use good personal hygiene practices
- Wash thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

- Store in original, correctly labelled and tightly closed containers
- Store in a dry environment away from direct sunlight.
- Store in a cool, dry, well ventilated area.
- Protect from frost
- Keep away from food, drink and animal feedingstuffs
- Keep away from acids and alkalis
- Keep away from oxidising substances
- Keep away from moisture

7.3 Specific end use(s)

- No information available
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product
DNELs
CAS: 77-58-7 Dibutyltin dilaurate
Dermal DNEL 0.5 mg/kg/Tag (General population, consumers)
1 mg/kg/Tag (Workers)

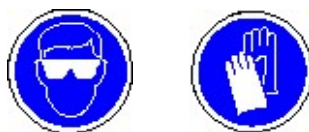
SECTION 8: Exposure controls/personal protection (....)

Inhalative DNEL 0.02 mg/m³ (General population, consumers)
0.07 mg/m³ (Workers)

PNECs

CAS: 77-58-7 Dibutyltin dilaurate
(freshwater) 0.000463 mg/l (env)
(sea water) 0.0000463 mg/l (env)
(freshwater sediments) 0.05 mg/kg (env)
(sea water sediments) 0.005 mg/kg (env)
(soil) 0.0407 mg/kg (env)

8.2 Exposure controls



- Wash thoroughly after handling.
- Remove contaminated clothing
- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Keep away from food, drink and animal feedingstuffs
- Provide adequate ventilation.
- Wear protective goggles or full face shield.
- Wear rubber gloves, boots and apron
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Paste
- Odour: Characteristic odour
- Boiling Point/Range: No information available
- pH: No information available
- Specific Gravity: No information available
- Solubility in water: Immiscible with water
- Colour: Various
- Melting point/Range: NA
- Flammability: NA
- Lower explosive limit: NA% (in air)
- Upper explosive limit: NA% (in air)
- Autoignition Temperature: NA
- Decomposition temperature: NA
- Particle characteristics: NA

9.2 Other information

SECTION 9: Physical and chemical properties (....)

9.2.1 Information with Regard to Physical Hazard Classes

No Information Available

9.2.2 Other Safety Characteristics

No Information Available

SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

During curing oxime butan-2-one is formed.

10.4 Conditions to avoid

- Avoid contact with moisture

10.5 Incompatible materials

- No information available

10.6 Hazardous decomposition products

- No hazardous decomposition products known

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- No information available

LD/LC50 values relevant for classification:

Hydrocarbons, C15-20, n-alkanes, isoalkanes, cyclics, < 0,03% aromatics

Oral LD50 >5,000 mg/kg (rat)

Dermal LD50 >3,160 mg/kg (rabbit)

Inhalative LC50 >5,266 mg/l (rat)

CAS: 77-58-7 Dibutyltin dilaurate

Oral LD50 175 mg/kg (rat)

CAS: 13463-41-7 Pyrithione zinc

Oral LD50 500 mg/kg (ATE)

Inhalative LC50/4h 0.05 mg/l (ATE)

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

No Information Available

11.2.2 Information on other hazards

No Information Available

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 77-58-7 Dibutyltin dilaurate

EC50 0.1-1 mg/l (algae)

0.1-1 mg/l (daphnia)

0.1-1 mg/l (fish)

NOEC 1,000 mg/l (bacteria)

CAS: 13463-41-7 Pyrithione zinc

EC50 0.067 mg/l (algae)

0.05 mg/l (daphnia)

LC50 0.15 mg/l (fish)

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- immiscible with water

12.5 Results of PBT and vPvB assessment

- No information available

12.6 Endocrine disrupting properties

- No information available

12.7 Other adverse effects

- No information available
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Avoid release to the environment. Refer to special instructions/Safety data sheets
 - Disposal should be in accordance with local, state or national legislation
 - Dispose of contents/container to an authorised waste collection point.
 - Do not empty into drains - dispose of this material and container in a safe way
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SECTION 14: Transport information

14.1 Air (ICAO/IATA)

- Not classified as hazardous for transport

14.2 Road/Rail (ADR/RID)

SECTION 14: Transport information (....)

- Not classified as hazardous for transport

14.3 Sea (IMDG)

- Not classified as hazardous for transport

14.4 Environmental hazards

- No information available

14.5 Special precautions for user

- No information available

14.6 Transport in bulk according to Annex II of Marpol and the IBC Code

- No information available

14.7 Maritime transport in bulk according to IMO instruments

- No information available
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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

15.2 Chemical safety assessment

A chemical safety assessment has been carried out for ingredients used in this products

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H301: Toxic if swallowed. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H330: Fatal if inhaled. H335: May cause respiratory irritation. H341: Suspected of causing genetic defects. H360: May damage fertility or the unborn child. H370: Causes damage to organs. H372: Causes damage to organs through prolonged or repeated exposure. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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