

SAFETY DATA SHEET

according to HSNOCOP 8-1



wedi Joint Sealant

Material number JS1

Revision date: 25/7/2018
Version: 1

Language: en-NZ

Date of print: 27/7/2018
Page: 1 of 9

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name: wedi Joint Sealant

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

General use: Adhesive
Reserved for industrial and professional use.

Details of the supplier of the safety data sheet

Company name: wedi Corporation / wedi Americas

Street/POB-No.: 1160 Pierson Drive

Postal Code, city: IL 60510 Batavia
USA

WWW: www.wedicorp.com

E-mail: info@wedicorp.com

Telephone: 877.933.9334 (Toll Free)

Telefax: 847.357.9819

Dept. responsible for information:

wedi Corporation / wedi Americas

Technical Support Department

Telephone: +1 877.933.WEDI (9334), Mobile: +1 770.366.6835

Office Fax: +1 847.357.9819, Mobile Fax: +1 770.783.8874

E-mail info@wedicorp.com

Emergency telephone number

Telephone: +1 877.933.WEDI (9334) Only available during office hours.

Mobile: +1 770.366.6835 For non business hours.

2. Hazards identification

Classification of the substance or mixture

GHS classification

Eye Irrit. 2; H319

Causes serious eye irritation.

Repr. 1; H360FD

May damage fertility. May damage the unborn child.

Aquatic Chronic 3; H412

Harmful to aquatic life with long lasting effects.

Label elements



Signal word:

Danger

SAFETY DATA SHEET

according to HSNOCOP 8-1



wedi Joint Sealant

Material number JS1

Revision date: 25/7/2018

Version: 1

Language: en-NZ

Date of print: 27/7/2018

Page: 2 of 9

Hazard statements: Causes serious eye irritation.
May damage fertility. May damage the unborn child.
May cause damage to organs through prolonged or repeated exposure.
Harmful to aquatic life with long lasting effects.

Precautionary statements:
Obtain special instructions before use.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wear protective gloves/protective clothing/eye protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.

Other hazards

Causes mild skin irritation. Product cures in the presence of moisture by separating methanol.

3. Composition / information on ingredients

Mixtures

Hazardous ingredients:

CAS No.	Designation	Content	Classification
CAS 2768-02-7	Trimethoxyvinylsilane	< 3 %	Flam. Liq. 3; H226. Acute Tox. 4; H332.
CAS 13822-56-5	3-(Trimethoxysilyl)propylamine	< 3 %	Skin Irrit. 2; H315. Eye Dam. 1; H318.
CAS 22673-19-4	Dibutylbis(pentane-2,4-dionato-O,O')tin	< 1 %	Acute Tox. 4; H302. Skin Corr. 1C; H314. Skin Sens. 1; H317. Muta. 2; H341. Repr. 1; H360FD. STOT SE 1; H370. Aquatic Chronic 1; H410.
CAS 52829-07-9	Bis(2,2,6,6-Tetramethyl-4-piperidyl)sebacate	< 1 %	Eye Dam. 1; H318. Aquatic Acute 1; H400. Aquatic Chronic 2; H411.

Additional information: Contains Calcium carbonate, Limestone, Carbon, Titanium dioxide: The maximum workplace exposure limits are, where necessary, listed in section 8.
Product cures in the presence of moisture by separating methanol.

4. First aid measures

General information: Take off contaminated clothing and wash it before reuse. If medical advice is needed, have product container or label at hand.

In case of inhalation: Move victim to fresh air. Seek medical treatment in case of troubles.

Following skin contact: Immediately clean with water and soap followed by thorough rinsing. Take off contaminated clothing. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

SAFETY DATA SHEET

according to HSNOCOP 8-1



wedi Joint Sealant

Material number JS1

Revision date: 25/7/2018

Version: 1

Language: en-NZ

Date of print: 27/7/2018

Page: 3 of 9

After swallowing: Do not induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Immediately get medical attention.

Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure. May cause allergic reactions in already sensitized persons.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
During hydrolysis, a small amount of methanol is produced.

5. Firefighting measures

Extinguishing media

Suitable extinguishing media:

Water spray jet, alcohol resistant foam, extinguishing powder, carbon dioxide

Extinguishing media which must not be used for safety reasons:

Full water jet

Special hazards arising from the substance or mixture

May form dangerous gases and vapours in case of fire.
Furthermore, there may develop: nitrogen oxides (NO_x), halogenated hydrocarbons, carbon monoxide and carbon dioxide

Advice for firefighters

Special protective equipment for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information: Hazchem-Code: -

Do not allow water used to extinguish fire to enter drains, ground or waterways.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid exposure. Provide adequate ventilation. Avoid contact with the substance. Do not breathe dust/fume/mist. Avoid contact with skin, eyes and clothes. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Keep unprotected people away.

Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

Methods and material for containment and cleaning up

Use only non-sparking tools. Take up mechanically, placing in appropriate containers for disposal. Thoroughly clean surrounding area.

SAFETY DATA SHEET

according to HSNOCOP 8-1



wedi Joint Sealant

Material number JS1

Revision date: 25/7/2018

Version: 1

Language: en-NZ

Date of print: 27/7/2018

Page: 4 of 9

7. Handling and storage

Precautions for safe handling

Advices on safe handling: Obtain special instructions before use. Provide adequate ventilation. Avoid contact with the substance. Do not breathe dust/fume/mist. Avoid contact with skin, eyes and clothes. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Have eye wash bottle or eye rinse ready at work place. Wash hands before breaks and after work.

Storage

Requirements for storerooms and containers:

Keep container in a well-ventilated place. Store container tightly closed in a dry and cool place.

Protect from frost. Protect from heat and direct sunlight. Protect from moisture contamination.

Store containers in upright position.

Storage temperature: 10 °C up to 35 °C

Hints on joint storage: Keep away from food, drink and animal feedingstuffs.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
471-34-1	Calcium carbonate	New Zealand: long-term	10 mg/m ³
1333-86-4	Carbon	New Zealand: long-term	3 mg/m ³
13463-67-7	Titanium dioxide	New Zealand: long-term	10 mg/m ³
14808-60-7	Silicon dioxide (Quartz (SiO ₂))	New Zealand: long-term	0.1 mg/m ³ respirable fraction
67-56-1	Methanol	New Zealand: long-term	262 mg/m ³ ; 200 ppm (may be absorbed through the skin)
		New Zealand: short-term	328 mg/m ³ ; 250 ppm (may be absorbed through the skin)

Biological limit values:

CAS No.	Designation	Type	Limit value	Parameter	Sampling
67-56-1	Methanol	New Zealand: BEI, urine	15 mg/L	Methanol	end of exposure or end of shift

Additional information: During hydrolysis, a small amount of methanol is produced.
Bound in the product: Calcium carbonate, Limestone, Carbon, Titanium dioxide

Exposure controls

Provide good ventilation and/or an exhaust system in the work area.
See also information in chapter 7, section storage.

SAFETY DATA SHEET

according to HSNOCOP 8-1



wedi Joint Sealant

Material number JS1

Revision date: 25/7/2018

Version: 1

Language: en-NZ

Date of print: 27/7/2018

Page: 5 of 9

Personal protection equipment

Occupational exposure controls

- Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.
- Hand protection: Protective gloves according to EN 374.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
- Eye protection: Tightly sealed goggles according to EN 166.
- Body protection: Wear suitable protective clothing.
- General protection and hygiene measures: Obtain special instructions before use. Avoid contact with the substance. Do not breathe dust/fume/mist. Avoid contact with skin, eyes and clothes. Take off contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Have eye wash bottle or eye rinse ready at work place. Wash hands before breaks and after work.

9. Physical and chemical properties

Information on basic physical and chemical properties

- Appearance: Physical state at 20 °C and 101.3 kPa: solid
Form: pasty
Colour: varying colours
- Odour: sweet
- Odour threshold: No data available
- pH value: not applicable
- Melting point/freezing point: No data available
- Initial boiling point and boiling range: No data available
- Flash point/flash point range: > 93 °C
- Evaporation rate: No data available
- Flammability: No data available
- Explosion limits: No data available
- Vapour pressure: No data available
- Vapour density: No data available
- Density: 1.46 g/cm³
- Solubility: No data available
- Partition coefficient: n-octanol/water: No data available
- Auto-ignition temperature: No data available
- Thermal decomposition: No data available

Additional information

- Viscosity, kinematic: not applicable
- Solid content: 100 %

SAFETY DATA SHEET

according to HSNOCOP 8-1



wedi Joint Sealant

Material number JS1

Revision date: 25/7/2018
Version: 1

Language: en-NZ

Date of print: 27/7/2018
Page: 6 of 9

10. Stability and reactivity

- Reactivity: Product cures in the presence of moisture by separating methanol.
- Chemical stability: Stable under recommended storage conditions. During hydrolysis, a small amount of methanol is produced.
- Possibility of hazardous reactions: No hazardous reaction when handled and stored according to provisions.
- Conditions to avoid: Protect from frost. Protect from heat and direct sunlight. Protect from moisture contamination.
- Incompatible materials: Water
- Hazardous decomposition products: No hazardous decomposition products when regulations for storage and handling are observed.
- Thermal decomposition: No data available

11. Toxicological information

Information on toxicological effects

- Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.
- Acute toxicity (oral): Lack of data.
- Acute toxicity (dermal): Lack of data.
- Acute toxicity (inhalative): Lack of data.
- Skin corrosion/irritation: Lack of data.
- Serious eye damage/irritation: Eye Irrit. 2; H319 = Causes serious eye irritation.
- Sensitisation to the respiratory tract: Lack of data.
- Skin sensitisation: Lack of data.
- Germ cell mutagenicity/Genotoxicity: Lack of data.
- Carcinogenicity: Lack of data.
- Reproductive toxicity: Repr. 1; H360FD = May damage fertility. May damage the unborn child.
- Effects on or via lactation: Lack of data.
- Specific target organ toxicity (single exposure): Lack of data.
- Specific target organ toxicity (repeated exposure): = May cause damage to organs through prolonged or repeated exposure.
- Aspiration hazard: Lack of data.

SAFETY DATA SHEET

according to HSNOCOP 8-1



wedi Joint Sealant

Material number JS1

Revision date: 25/7/2018
Version: 1

Language: en-NZ

Date of print: 27/7/2018
Page: 7 of 9

Other information:

- Information about Calcium carbonate (CAS 471-34-1):
LD50 Rat, oral: 6,450 mg/kg
LD50 Rat, dermal: > 2,000 mg/kg
LC50 Rat, inhalative (dust/mist): 3 mg/L/4h
- Information about Limestone (CAS 1317-65-3):
LD50 Rat, oral: > 5,000 mg/kg
- Information about Trimethoxyvinylsilane (CAS 2768-02-7):
LD50 Rat, oral: 7,120 - 7,236 mg/kg (OECD 401)
LD50 Rat, dermal: 3.36 mL/kg
- Information about Stearic acid (CAS 57-11-4):
LD50 Rat, oral: > 5,000 mg/kg
LD50 Rabbit, dermal: > 5,000 mg/kg
- Information about Carbon (CAS 1333-86-4):
LD50 Rat, oral: > 8,000 mg/kg (OECD 401)
- Information about Titanium dioxide (CAS 13463-67-7):
LD50 Rat, oral: > 10,000 mg/kg
LD50 Rabbit, dermal: > 10,000 mg/kg
LC50 Rat, inhalative (dust/mist): > 6.82 mg/L/4h
- Information about 3-(Trimethoxysilyl)propylamine (CAS 13822-56-5):
LD50 Rat, oral: > 2,000 mg/kg
LD50 Rabbit, dermal: > 2,000 mg/kg
- Information about Dibutylbis(pentane-2,4-dionato-O,O')tin (CAS 22673-19-4):
LD50 Rat, oral: 1,864 mg/kg (OECD 401)
LD50 Rabbit, dermal: > 2,000 mg/kg (OECD 402)

SAFETY DATA SHEET

according to HSNOCOP 8-1

wedi Joint Sealant

Material number JS1



Revision date: 25/7/2018
Version: 1

Language: en-NZ

Date of print: 27/7/2018
Page: 8 of 9

12. Ecological information

Toxicity

Aquatic toxicity: Harmful to aquatic life with long lasting effects.

Information about Calcium carbonate (CAS 471-34-1):
Fish toxicity:
LC50 fish: > 1,000 mg/L/96h
Daphnia toxicity:
EC50 Daphnia: > 1,000 mg/L/48h
Algae toxicity:
IC50 algae: > 1,000 mg/L/72h

Information about Limestone (CAS 1317-65-3):
Fish toxicity:
LC50 Oncorhynchus mykiss: > 10,000 mg/L/96h
Daphnia toxicity:
EC50 Daphnia magna (Big water flea): > 1,000 mg/L/48h
Algae toxicity:
EC50 Desmodesmus subspicatus (green algae): > 200 mg/L/72h

Information about Trimethoxyvinylsilane (CAS 2768-02-7):
Fish toxicity:
LC50 Oncorhynchus mykiss: 191 mg/L/96h
Daphnia toxicity:
EC50 Daphnia magna (Big water flea): 168.7 mg/L/48h
Algae toxicity:
EC50 Desmodesmus subspicatus (green algae): > 957 mg/L/72h

Information about Titanium dioxide (CAS 13463-67-7):
Fish toxicity:
LC50 Cyprinodon variegatus: > 240 mg/L/96h
NOEC: 100 mg/L/30d
Daphnia toxicity:
EC50 Daphnia magna (Big water flea): > 100 mg/L/48h
NOEC: 3 mg/L/30d

Persistence and degradability

Further details: No data available

Mobility in soil

No data available

Additional ecological information

General information: Do not allow to penetrate into soil, waterbodies or drains.

13. Disposal considerations

Waste treatment methods

Product

Recommendation: Dispose of waste according to applicable legislation.

SAFETY DATA SHEET

according to HSNOCOP 8-1



wedi Joint Sealant

Material number JS1

Revision date: 25/7/2018
Version: 1

Language: en-NZ

Date of print: 27/7/2018
Page: 9 of 9

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled.

14. Transport information

UN number

ADR/RID, IMDG, IATA-DGR:
not applicable

Sea transport (IMDG)

Proper shipping name: Not restricted
Marine pollutant: no

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.

15. Regulatory information

National regulations - New Zealand

NZIoC: not listed

National regulations - Australia

AICS: listed

Further regulations, limitations and legal requirements

No data available

16. Other information

Text for labelling: Contains: dibutylbis(pentane-2,4-dionato-O,O')tin and Trimethoxyvinylsilane

Date of first version: 25/7/2018

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.