

SAFETY DATA SHEET



DOW CORNING(R) 680 SANITARY SEALANT TRANSLUCENT

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.4	09.06.2015	625454-00005	Date of first issue: 10.10.2014

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DOW CORNING(R) 680 SANITARY SEALANT
TRANSLUCENT

Product code : 000000000004018315

Manufacturer or supplier's details

Company : Dow Corning Australia Pty Ltd, ABN 36 008 444 166

Address : Darling Park, Tower 2
Level 20, 201 Sussex Street
Sydney. NSW 2000

Locked Bag 2095
North Ryde, NSW 1670

Telephone : 1300-369-745

Emergency telephone number : 1300-360-732 (24 Hours)

Telefax : 1300-650-785

Recommended use of the chemical and restrictions on use

Recommended use : Adhesive, binding agents

SECTION 2. HAZARDS IDENTIFICATION

Hazard classification

HAZARDOUS SUBSTANCE
NON-DANGEROUS GOODS

Risk phrase(s)

May cause sensitisation by skin contact.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrase(s)

Avoid contact with skin.
Wear suitable gloves.
This material and its container must be disposed of as hazardous waste.
Avoid release to the environment. Refer to special instructions/ Safety data sheets.

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Silicone

SAFETY DATA SHEET



DOW CORNING(R) 680 SANITARY SEALANT TRANSLUCENT

Version 1.4	Revision Date: 09.06.2015	MSDS Number: 625454-00005	Date of last issue: 24.04.2015 Date of first issue: 10.10.2014
----------------	------------------------------	------------------------------	-------------------------------------------------------------------

Sealant

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
Silicon dioxide	7631-86-9	< 10
Amorphous fumed silica	112945-52-5	< 10
Methyltri(ethylmethylketoxime)silane	22984-54-9	< 10
Distillates (petroleum), hydrotreated middle	64742-46-7	< 10
Vinyltri (methylethylketoxime) silane	2224-33-1	< 10
1-[[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole	60207-90-1	< 10
10,10-Oxydiphenoxarsine	58-36-6	< 10

SECTION 4. FIRST AID MEASURES

General advice	: In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	: If inhaled, remove to fresh air. Get medical attention if symptoms occur.
In case of skin contact	: In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention.
If swallowed	: If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	: May cause sensitisation by skin contact.
Protection of first-aiders	: First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists.
Notes to physician	: Treat symptomatically and supportively.

SECTION 5. FIREFIGHTING MEASURES

SAFETY DATA SHEET



DOW CORNING(R) 680 SANITARY SEALANT TRANSLUCENT

Version 1.4	Revision Date: 09.06.2015	MSDS Number: 625454-00005	Date of last issue: 24.04.2015 Date of first issue: 10.10.2014
----------------	------------------------------	------------------------------	-------------------------------------------------------------------

- | | |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media | : Water spray
Alcohol-resistant foam
Carbon dioxide (CO ₂)
Dry chemical |
| Unsuitable extinguishing media | : None known. |
| Specific hazards during fire-fighting | : Exposure to combustion products may be a hazard to health. |
| Hazardous combustion products | : Carbon oxides
Silicon oxides
Formaldehyde
Nitrogen oxides (NO _x) |
| Specific extinguishing methods | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
Remove undamaged containers from fire area if it is safe to do so.
Evacuate area. |
| Special protective equipment for firefighters | : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

- | | |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | : Use personal protective equipment.
Follow safe handling advice and personal protective equipment recommendations. |
| Environmental precautions | : Discharge into the environment must be avoided.
Prevent further leakage or spillage if safe to do so.
Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained. |
| Methods and materials for containment and cleaning up | : Soak up with inert absorbent material.
For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.
Clean up remaining materials from spill with suitable absorbent.
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements. |

SECTION 7. HANDLING AND STORAGE

DOW CORNING(R) 680 SANITARY SEALANT TRANSLUCENT

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.4	09.06.2015	625454-00005	Date of first issue: 10.10.2014

- | | |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technical measures | : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section. |
| Local/Total ventilation | : Use only with adequate ventilation. |
| Advice on safe handling | : Do not get on skin or clothing.
Do not swallow.
Do not get in eyes.
Handle in accordance with good industrial hygiene and safety practice.
Keep away from water.
Protect from moisture.
Take care to prevent spills, waste and minimize release to the environment. |
| Hygiene measures | : Ensure that eye flushing systems and safety showers are located close to the working place.
When using do not eat, drink or smoke.
Wash contaminated clothing before re-use.
These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. |
| Conditions for safe storage | : Keep in properly labelled containers.
Store in accordance with the particular national regulations. |
| Materials to avoid | : Do not store with the following product types:
Strong oxidizing agents |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Silicon dioxide	7631-86-9	TWA (Respirable dust)	2 mg/m ³	AU OEL
Amorphous fumed silica	112945-52-5	TWA	10 mg/m ³	AU OEL
Further information: This value is for inhalable dust containing no asbestos and < 1% crystalline silica				
Distillates (petroleum), hydrotreated middle	64742-46-7	TWA (Mist)	5 mg/m ³	AU OEL

Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethyl methyl ketoxime	96-29-7	TWA	10 ppm	DCC OEL
Further information: Skin sensitisation				

- | | |
|----------------------|-------------------------------------------------------------|
| Engineering measures | : Processing may form hazardous compounds (see section 10). |
|----------------------|-------------------------------------------------------------|

SAFETY DATA SHEET



DOW CORNING(R) 680 SANITARY SEALANT TRANSLUCENT

Version 1.4	Revision Date: 09.06.2015	MSDS Number: 625454-00005	Date of last issue: 24.04.2015 Date of first issue: 10.10.2014
----------------	------------------------------	------------------------------	-------------------------------------------------------------------

Ensure adequate ventilation, especially in confined areas.
Minimize workplace exposure concentrations.

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Organic vapour type

Hand protection
Material : Impervious gloves

Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

Eye protection : Wear the following personal protective equipment:
Safety goggles

Skin and body protection : Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.
Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : paste

Colour : white, translucent

Odour : slight

Odour Threshold : No data available

pH : Not applicable

Melting point/freezing point : No data available

Initial boiling point and boiling range : Not applicable

Flash point : Not applicable

SAFETY DATA SHEET



DOW CORNING(R) 680 SANITARY SEALANT TRANSLUCENT

Version 1.4	Revision Date: 09.06.2015	MSDS Number: 625454-00005	Date of last issue: 24.04.2015 Date of first issue: 10.10.2014
----------------	------------------------------	------------------------------	-------------------------------------------------------------------

Evaporation rate	: Not applicable
Flammability (solid, gas)	: Not classified as a flammability hazard
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: Not applicable
Relative vapour density	: No data available
Relative density	: 0.985
Solubility(ies)	
Water solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	
Viscosity, dynamic	: Not applicable
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.
Molecular weight	: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Not classified as a reactivity hazard.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Hazardous decomposition products will be formed upon contact with water or humid air. Hazardous decomposition products will be formed at elevated temperatures.
Conditions to avoid	: Exposure to moisture
Incompatible materials	: Oxidizing agents Water

**DOW CORNING(R) 680 SANITARY SEALANT
TRANSLUCENT**

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.4	09.06.2015	625454-00005	Date of first issue: 10.10.2014

Hazardous decomposition products
Contact with water or humid air : Ethyl methyl ketoxime
Thermal decomposition : Formaldehyde

SECTION 11. TOXICOLOGICAL INFORMATION

Exposure routes : Skin contact
Ingestion
Eye contact

Acute toxicity

Not classified based on available information.

Components:**Silicon dioxide:**

Acute oral toxicity : LD50 (Rat): > 3,300 mg/kg
Assessment: The substance or mixture has no acute oral toxicity
Remarks: Information taken from reference works and the literature.

Acute inhalation toxicity : LC50 (Rat): > 2.08 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Assessment: The substance or mixture has no acute inhalation toxicity
Remarks: Information taken from reference works and the literature.

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity
Remarks: Information taken from reference works and the literature.

Amorphous fumed silica:

Acute oral toxicity : LD50 (Rat): > 20,000 mg/kg
Assessment: The substance or mixture has no acute oral toxicity
Remarks: Information taken from reference works and the literature.

Methyltri(ethylmethylketoxime)silane:

Acute oral toxicity : LD50 (Rat): > 2,520 mg/kg
Assessment: The substance or mixture has no acute oral toxicity
Remarks: Based on test data

Distillates (petroleum), hydrotreated middle:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

DOW CORNING(R) 680 SANITARY SEALANT TRANSLUCENT

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.4	09.06.2015	625454-00005	Date of first issue: 10.10.2014

Acute inhalation toxicity : LC50 (Rat): > 5,266 mg/m³
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit): > 3,160 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

Vinyltri (methylethylketoxime) silane:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Assessment: The substance or mixture has no acute oral toxicity
Remarks: Based on test data

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity
Remarks: Based on test data

1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole:

Acute oral toxicity : LD50 (Rat): 2,000 mg/kg
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): > 5.8 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rat): > 4,000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

10,10-Oxydiphenoxarsine:

Acute oral toxicity : LD50 (Rat): 42 - 57 mg/kg

Acute inhalation toxicity : Acute toxicity estimate: 0.5 mg/l
Test atmosphere: dust/mist
Method: Expert judgement

Acute dermal toxicity : LD50 (Rabbit): 414 - 1,000 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Components:

Silicon dioxide:

Result: No skin irritation

Remarks: Information taken from reference works and the literature.

Methyltri(ethylmethylethylketoxime)silane:

**DOW CORNING(R) 680 SANITARY SEALANT
TRANSLUCENT**

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.4	09.06.2015	625454-00005	Date of first issue: 10.10.2014

Species: Rabbit
Result: No skin irritation
Remarks: Based on data from similar materials

Distillates (petroleum), hydrotreated middle:

Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation

1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole:

Result: No skin irritation

10,10-Oxydiphenoxarsine:

Species: Rabbit
Result: Corrosive after 3 minutes to 1 hour of exposure

Serious eye damage/eye irritation

Not classified based on available information.

Components:**Silicon dioxide:**

Result: No eye irritation
Remarks: Information taken from reference works and the literature.

Methyltri(ethylmethylketoxime)silane:

Species: Rabbit
Result: Irritation to eyes, reversing within 7 days
Remarks: Based on test data

Distillates (petroleum), hydrotreated middle:

Species: Rabbit
Result: No eye irritation
Method: OECD Test Guideline 405

Vinyltri (methylethylketoxime) silane:

Species: Rabbit
Result: Irreversible effects on the eye
Remarks: Based on test data

1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole:

Result: No eye irritation

10,10-Oxydiphenoxarsine:

Species: Rabbit
Result: Irreversible effects on the eye

Respiratory or skin sensitisation

Skin sensitisation: May cause sensitisation by skin contact.
Respiratory sensitisation: Not classified based on available information.

Components:**Silicon dioxide:**

Assessment: Does not cause skin sensitisation.

**DOW CORNING(R) 680 SANITARY SEALANT
TRANSLUCENT**

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.4	09.06.2015	625454-00005	Date of first issue: 10.10.2014

Test Type: Skin: test type not specified
Species: Guinea pig
Remarks: No known sensitising effect.
Information taken from reference works and the literature.

Methyltri(ethylmethylketoxime)silane:

Assessment: Probability or evidence of skin sensitisation in humans

Test Type: Maximisation Test (GPMT)
Species: Guinea pig
Remarks: Based on test data

Distillates (petroleum), hydrotreated middle:

Test Type: Maximisation Test (GPMT)
Exposure routes: Skin contact
Species: Guinea pig
Result: negative
Remarks: Based on data from similar materials

Vinyltri (methylethylketoxime) silane:

Assessment: Probability or evidence of skin sensitisation in humans

Test Type: Maximisation Test (GPMT)
Species: Guinea pig
Remarks: Causes sensitisation.
Based on data from similar materials

1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole:

Exposure routes: Skin contact
Species: Guinea pig
Result: positive

Assessment: Probability or evidence of skin sensitisation in humans

10,10-Oxydiphenoxarsine:

Assessment: Does not cause skin sensitisation.

Chronic toxicity**Germ cell mutagenicity**

Not classified based on available information.

Components:**Silicon dioxide:**

Genotoxicity in vitro : Result: negative
Remarks: Information taken from reference works and the literature.

Genotoxicity in vivo : Application Route: Ingestion
Result: negative
Remarks: Information taken from reference works and the literature.

**DOW CORNING(R) 680 SANITARY SEALANT
TRANSLUCENT**

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.4	09.06.2015	625454-00005	Date of first issue: 10.10.2014

Germ cell mutagenicity - Assessment : Animal testing did not show any mutagenic effects.

Methyltri(ethylmethylketoxime)silane:

Genotoxicity in vitro : Test Type: Mutagenicity (in vitro mammalian cytogenetic test)
Result: negative
Remarks: Based on test data

Distillates (petroleum), hydrotreated middle:

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)
Result: negative

Genotoxicity in vivo : Test Type: Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis)
Species: Rat
Application Route: Intraperitoneal injection
Result: negative

Vinyltri (methylethylketoxime) silane:

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)
Result: negative
Remarks: Based on test data

Genotoxicity in vivo : Test Type: In vivo micronucleus test
Species: Mouse
Application Route: Intraperitoneal injection
Result: negative
Remarks: Based on test data

Germ cell mutagenicity - Assessment : Animal testing did not show any mutagenic effects.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

Components:**Methyltri(ethylmethylketoxime)silane:**

Effects on fertility : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test
Species: Rat, male and female
Application Route: Ingestion
Symptoms: No effects on fertility
Remarks: Based on test data

Effects on foetal development : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test
Species: Rat, male and female
Application Route: Ingestion
Symptoms: No effects on foetal development
Remarks: Based on test data

**DOW CORNING(R) 680 SANITARY SEALANT
TRANSLUCENT**

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.4	09.06.2015	625454-00005	Date of first issue: 10.10.2014

Reproductive toxicity - Assessment : No evidence of adverse effects on sexual function and fertility, or on development, based on animal experiments.

Distillates (petroleum), hydrotreated middle:

Effects on fertility : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test
Species: Rat
Application Route: Ingestion
Method: OECD Test Guideline 422
Result: negative
Remarks: Based on data from similar materials

Effects on foetal development : Test Type: Embryo-foetal development
Species: Rat
Application Route: Ingestion
Method: OECD Test Guideline 414
Result: negative

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Components:**Methyltri(ethylmethylketoxime)silane:**

Exposure routes: Ingestion

Target Organs: Blood

Assessment: Shown to produce significant health effects in animals at concentrations of >10 to 100 mg/kg bw.

Vinyltri (methylethylketoxime) silane:

Exposure routes: Ingestion

Target Organs: Blood

Assessment: Shown to produce significant health effects in animals at concentrations of >10 to 100 mg/kg bw.

Repeated dose toxicity**Components:****Methyltri(ethylmethylketoxime)silane:**

Species: Rat

Application Route: Ingestion

Target Organs: Blood

Remarks: Based on test data

Distillates (petroleum), hydrotreated middle:

Species: Rat

NOAEL: >= 5,000 mg/kg

Application Route: Ingestion

Exposure time: 13 w

Remarks: Based on data from similar materials

**DOW CORNING(R) 680 SANITARY SEALANT
TRANSLUCENT**

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.4	09.06.2015	625454-00005	Date of first issue: 10.10.2014

Vinyltri (methylethylketoxime) silane:

Species: Rat

Application Route: Ingestion

Target Organs: Blood

Remarks: Based on data from similar materials

Aspiration toxicity

Not classified based on available information.

Components:**Distillates (petroleum), hydrotreated middle:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

Further information**Product:**

Remarks: During use of the material, small amounts of methylethylketoxime (MEKO) will be released. Rodents exposed to chronic MEKO inhalation throughout their lifetimes showed significant increases in liver tumour rates.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****Methyltri(ethylmethylethylketoxime)silane:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 120 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

Remarks: Based on data from similar materials

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 120 mg/l

aquatic invertebrates

Exposure time: 48 h

Method: OECD Test Guideline 202

Remarks: Based on data from similar materials

Toxicity to algae : ErC50 (Selenastrum capricornutum (green algae)): 94 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201

Remarks: Based on data from similar materials

Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Distillates (petroleum), hydrotreated middle:

Toxicity to fish : LL50 (Scophthalmus maximus (turbot)): > 1,028 mg/l

Exposure time: 96 h

Test substance: Water Accommodated Fraction

Toxicity to daphnia and other : LL50 (Acartia tonsa): > 3,193 mg/l

**DOW CORNING(R) 680 SANITARY SEALANT
TRANSLUCENT**

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.4	09.06.2015	625454-00005	Date of first issue: 10.10.2014

aquatic invertebrates	Exposure time: 48 h Test substance: Water Accommodated Fraction
Toxicity to algae	: EL50 (Skeletonema costatum (marine diatom)): > 10,000 mg/l Exposure time: 72 h Test substance: Water Accommodated Fraction
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOELR (Ceriodaphnia dubia (water flea)): > 100 mg/l Exposure time: 8 d Test substance: Water Accommodated Fraction
Toxicity to bacteria	: EC50: > 100 mg/l Exposure time: 3 h Method: OECD Test Guideline 209

1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole:

Toxicity to fish	: LC50 (Oncorhynchus mykiss (rainbow trout)): 4.3 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: LC50 (Daphnia (water flea)): 10.2 mg/l Exposure time: 48 h
Toxicity to algae	: EC50 (Scenedesmus subspicatus): 0.76 mg/l Exposure time: 72 h
M-Factor (Acute aquatic toxicity)	: 1
10,10-Oxydiphenoxarsine:	
Toxicity to fish	: LC50 (Oncorhynchus mykiss (rainbow trout)): 0.0035 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 0.0048 mg/l Exposure time: 48 h
Toxicity to algae	: EC50 (Selenastrum capricornutum (fresh water algae)): 0.052 mg/l Exposure time: 72 h
M-Factor (Acute aquatic toxicity)	: 100

Persistence and degradability
Components:
Methyltri(ethylmethylketoxime)silane:

Biodegradability	: Result: Not readily biodegradable. Biodegradation: 14.5 % Exposure time: 21 d Method: OECD Test Guideline 302B Remarks: Based on data from similar materials
------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Distillates (petroleum), hydrotreated middle:

SAFETY DATA SHEET



DOW CORNING(R) 680 SANITARY SEALANT TRANSLUCENT

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.4	09.06.2015	625454-00005	Date of first issue: 10.10.2014

Biodegradability : Result: Readily biodegradable
Biodegradation: 74 %
Exposure time: 28 d
Method: OECD Test Guideline 306

Vinyltri (methylethylketoxime) silane:

Biodegradability : Result: Not readily biodegradable.

Stability in water : Degradation half life: 1 s

1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole:

Biodegradability : Result: Not readily biodegradable.

Bioaccumulative potential

Components:

Methyltri(ethylmethylketoxime)silane:

Partition coefficient: n- : log Pow: 11.2
octanol/water

1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole:

Partition coefficient: n- : log Pow: 3.72
octanol/water

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulation

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

**DOW CORNING(R) 680 SANITARY SEALANT
TRANSLUCENT**

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.4	09.06.2015	625454-00005	Date of first issue: 10.10.2014

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations**ADG**

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Prohibition/Licensing Requirements	: There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.
------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------

The components of this product are reported in the following inventories:

NZIoC	: All ingredients listed or exempt.
AICS	: All ingredients listed or exempt.
REACH	: All ingredients (pre-)registered or exempt.
TSCA	: For R&D purposes only. One or more of the components of this product may not be listed on the TSCA inventory of chemical substances. Product should be used solely for scientific experimentation, research or analysis under the supervision of technically qualified individuals.
PICCS	: Consult your local Dow Corning office.
KECI	: All ingredients listed, exempt or notified.
IECSC	: One or more components of this product may not be listed on the IECSC inventory, but this component(s) is (are) registered with volume limitation under Dow Corning entity in China. Consult your local Dow Corning office.
TCSI	: All ingredients listed or exempt.

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION**Further information**

**DOW CORNING(R) 680 SANITARY SEALANT
TRANSLUCENT**

Version	Revision Date:	MSDS Number:	Date of last issue: 24.04.2015
1.4	09.06.2015	625454-00005	Date of first issue: 10.10.2014

Sources of key data used to compile the Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Date format : dd.mm.yyyy

Full text of other abbreviations

AU OEL	: Australia. Workplace Exposure Standards for Airborne Contaminants.
DCC OEL	: Dow Corning Guide
AU OEL / TWA	: Exposure standard - time weighted average
DCC OEL / TWA	: Time weighted average

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

AU / EN