



SAFETY DATA SHEET

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

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

1.1. Product identifier

Product name DOWSIL 736 HEAT TEMPERATURE SEALANT RED

Product number 63750

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

Identified uses Adhesive. Binding Agent

1.3. Details of the supplier of the safety data sheet

Supplier Univar Solutions UK Ltd
Aquarius House
6 Mid Point Business Park
Bradford
BD3 7AY
+44 1274 267300
+44 1274 267306
SDS.EMEA@univarsolutions.com

1.4. Emergency telephone number

Emergency telephone SGS - +32 (0)3 575 55 55 (24h)

Sds No. 63750

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements EUH208 Contains DIMETHYLBIS (1-OXONEODECYL) OXY) STANNANE. May produce an allergic reaction.

Precautionary statements P271 Use only outdoors or in a well-ventilated area.

Supplemental label information EUH210 Safety data sheet available on request.

2.3. Other hazards

This product contains a substance classified as vPvB. This product contains a substance classified as PBT.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

DODECAMETHYLCYCLOHEXASILOXANE			>= 0.15 - <= 0.26 %
CAS number: 540-97-6	EC number: 208-762-8	REACH registration number: 01-2119517435-42-XXXX	
Classification Not Classified			

DECAMETHYLCYCLOPENTASILOXANE			>= 0.07 - <= 0.12 %
CAS number: 541-02-6	EC number: 208-764-9	REACH registration number: 01-2119511367-43-XXXX	
Classification Not Classified			

DIMETHYLBIS (1-OXONEODECYL) OXY) STANNANE			>= 0.007 - <= 0.034 %
CAS number: 68928-76-7	EC number: 273-028-6	REACH registration number: 01-2120770324-57-XXXX	
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1A - H317 Aquatic Chronic 3 - H412			

The full text for all hazard statements is displayed in Section 16.

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	First aid personnel should wear appropriate protective equipment during any rescue. Wear protective clothing as described in Section 8 of this safety data sheet.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Get medical attention if any discomfort continues. Wash clothing and clean shoes thoroughly before reuse.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact	The product contains a small amount of sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals.
Eye contact	May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

Notes for the doctor Treat symptomatically. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards When heated and in case of fire, toxic vapours/gases may be formed.

Hazardous combustion products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Formaldehyde Oxides of the following substances: Carbon. Silicon.

5.3. Advice for firefighters

Protective actions during firefighting No action shall be taken without appropriate training or involving any personal risk. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Do not use water jet as an extinguisher, as this will spread the fire. Contain and collect extinguishing water. Avoid the spillage or runoff entering drains, sewers or watercourses. Evacuate area.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if safe to do so. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. Avoid spilling. Avoid release to the environment. Observe good chemical hygiene practices. Product residues retained in emptied containers can be hazardous.

7.2. Conditions for safe storage, including any incompatibilities

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Only store in correctly labelled containers. Store away from the following materials: Strong oxidising agents.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

DECAMETHYLCYCLOPENTASILOXANE

Long-term exposure limit (8-hour TWA): SUP 10 ppm

Ingredient comments Observe any occupational exposure limits for the product or ingredients.

DODECAMETHYLCYCLOHEXASILOXANE (CAS: 540-97-6)

DNEL	Workers - Inhalation; Long term systemic effects: 11 mg/m ³
	Workers - Inhalation; Short term local effects: 6.1 mg/m ³
	Workers - Inhalation; Long term local effects: 1.22 mg/m ³
	Consumer - Oral; Short term systemic effects: 1.7 mg/kg/day
	Consumer - Inhalation; Short term local effects: 1.5 mg/m ³
	Consumer - Inhalation; Long term systemic effects: 2.7 mg/m ³
	Consumer - Oral; Long term systemic effects: 1.7 mg/kg/day
	Consumer - Inhalation; Long term local effects: 0.3 mg/m ³
PNEC	- Sediment (Freshwater); 2.826 mg/kg
	- Sediment (Marinewater); 0.282 mg/kg
	- Soil; 3.336 mg/kg
	- STP; >1.0 mg/l

DECAMETHYLCYCLOPENTASILOXANE (CAS: 541-02-6)

DNEL	Workers - Inhalation; Short term systemic effects: 97.3 mg/m ³
	Workers - Inhalation; Short term local effects: 24.2 mg/m ³
	Workers - Inhalation; Long term systemic effects: 97.3 mg/m ³
	Workers - Inhalation; Long term local effects: 24.2 mg/m ³
	Consumer - Inhalation; Short term systemic effects: 17.3 mg/m ³
	Consumer - Inhalation; Short term local effects: 4.3 mg/m ³
	Consumer - Inhalation; Long term systemic effects: 17.3 mg/m ³
	Consumer - Inhalation; Long term local effects: 4.3 mg/m ³
	Consumer - Oral; Short term systemic effects: 5 mg/kg/day
	Consumer - Oral; Long term systemic effects: 5 mg/kg/day
PNEC	- Fresh water; >0.0012 mg/l
	- marine water; >0.00012 mg/l
	- Sediment (Freshwater); 2.4 mg/kg
	- Sediment (Marinewater); 0.24 mg/kg
	- Soil; 1.1 mg/kg
	- STP; >10 mg/l

8.2. Exposure controls

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. The selected gloves should have a breakthrough time of at least 4 hours. Butyl rubber. Neoprene. Nitrile rubber. Polyvinyl alcohol (PVA). Polyvinyl chloride (PVC). Viton rubber (fluoro rubber). Rubber (natural, latex). Thickness: > 0.35 mm To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection

Wear appropriate clothing to prevent skin contamination.

Hygiene measures

When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. Remove contaminated clothing and protective equipment before entering eating areas. Eye wash facilities and emergency shower must be available when handling this product.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. If ventilation is inadequate, suitable respiratory protection must be worn. Organic vapour filter. Gas filter, type A EN 136/140/141/145/143/149

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Paste.
Colour	Red.
Odour	Acetic acid.
Odour threshold	No information available.
pH	No information available.
Melting point	No information available.
Pour Point	No information available.
Freezing Point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Evaporation factor	No information available.

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Other flammability	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	1.04
Bulk density	No information available.
Solubility(ies)	No information available.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	Not considered to be explosive.
Explosive under the influence of a flame	No information available.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Refractive index	No information available.
Particle size	No information available.
Molecular weight	No information available.
Volatility	No information available.
Saturation concentration	No information available.
Critical temperature	No information available.
Volatile organic compound	No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	The following materials may react with the product: Strong oxidising agents. When heated, vapours/gases hazardous to health may be formed. Will decompose at temperatures exceeding 150°C. Formaldehyde
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10.4. Conditions to avoid

Conditions to avoid	None known.
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10.5. Incompatible materials

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

Materials to avoid Oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Formaldehyde Oxides of the following substances: Carbon. Silicon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) This product has low toxicity. Not determined. Information given is applicable to the major ingredient. LD₅₀ > 5000 mg/kg, Oral, Rat Estimated value.

Acute toxicity - dermal

Notes (dermal LD₅₀) Not determined. Information given is applicable to the major ingredient. LD₅₀ > 2000 mg/kg, Dermal, Estimated value.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Not determined.

Skin corrosion/irritation

Skin corrosion/irritation Information given is applicable to the major ingredient. Not irritating. Dryness and/or cracking.

Serious eye damage/irritation

Serious eye damage/irritation Information given is applicable to the major ingredient. May cause temporary eye irritation.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation The product contains a small amount of sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals.

Germ cell mutagenicity

Genotoxicity - in vitro This information is based on test data from similar products Negative.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility This information is based on test data from similar products No evidence of reproductive toxicity in animal studies.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Information given is applicable to the major ingredient. Based on available data the classification criteria are not met. Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

Inhalation May cause respiratory system irritation.

Ingestion May cause discomfort if swallowed.

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

Skin contact Skin irritation should not occur when used as recommended. Dryness and/or cracking. The product contains a small amount of sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals.

Eye contact May cause temporary eye irritation.

Toxicological information on ingredients.

DODECAMETHYLCYCLOHEXASILOXANE

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ > 2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 2000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Not determined.

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation May cause temporary eye irritation.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Not sensitising. Guinea pig

Germ cell mutagenicity

Genotoxicity - in vitro This substance has no evidence of mutagenic properties. Negative.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met. Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

Inhalation Gas or vapour in high concentrations may irritate the respiratory system.

Ingestion May cause discomfort if swallowed.

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

Skin contact	Skin irritation should not occur when used as recommended.
Eye contact	May cause temporary eye irritation.

DECAMETHYLCYCLOPENTASILOXANE

Acute toxicity - oral

Notes (oral LD₅₀)	LD ₅₀ > 24134 mg/kg, Oral, Rat
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Acute toxicity - dermal

Notes (dermal LD₅₀)	LD ₅₀ > 2000 mg/kg, Dermal, Rabbit
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Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l)	8.67
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Species	Rat
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Notes (inhalation LC₅₀)	LC ₅₀ 8.67 mg/l, 4 hours, Dust/Mist Rat
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ATE inhalation (dusts/mists mg/l)	8.67
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Skin corrosion/irritation

Skin corrosion/irritation	Not irritating.
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Serious eye damage/irritation

Serious eye damage/irritation	Not irritating.
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Respiratory sensitisation

Respiratory sensitisation	No information available.
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Skin sensitisation

Skin sensitisation	Not sensitising. Mouse
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Germ cell mutagenicity

Genotoxicity - in vitro	This substance has no evidence of mutagenic properties. Negative.
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Carcinogenicity

Carcinogenicity	Results from a 2 year repeated vapour inhalation exposure study to rats of decamethylcyclotrisiloxane (D5) indicate effects (uterine endometrial tumors) in female animals. This finding occurred at the highest exposure dose (160 ppm) only. Studies to date have not demonstrated if this effect occurs through a pathway that is relevant to humans.
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Reproductive toxicity

Reproductive toxicity - fertility	No evidence of reproductive toxicity in animal studies.
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Reproductive toxicity - development	No evidence of reproductive toxicity in animal studies.
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Specific target organ toxicity - single exposure

STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.
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Specific target organ toxicity - repeated exposure

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

STOT - repeated exposure Based on available data the classification criteria are not met. Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

Inhalation Gas or vapour in high concentrations may irritate the respiratory system.

Ingestion May cause discomfort if swallowed.

Skin contact Skin irritation should not occur when used as recommended.

Eye contact Vapour or spray in the eyes may cause irritation and smarting.

DIMETHYLBIS (1-OXONEODECYL) OXY) STANNANE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 894.0

Species Rat

Notes (oral LD₅₀) LD₅₀ 892 mg/kg, Oral, Rat

ATE oral (mg/kg) 894.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 2000 mg/kg, Dermal, Rat

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Not determined.

Skin corrosion/irritation

Skin corrosion/irritation May be slightly irritating to skin. Redness.

Serious eye damage/irritation

Serious eye damage/irritation May be slightly irritating to eyes.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - development Suspected of damaging the unborn child.

Specific target organ toxicity - single exposure

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

Inhalation Gas or vapour in high concentrations may irritate the respiratory system.

Ingestion May cause discomfort if swallowed.

Skin contact May be slightly irritating to skin.

Eye contact May be slightly irritating to eyes.

SECTION 12: Ecological information

Ecotoxicity The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment.

Ecological information on ingredients.

DODECAMETHYLCYCLOHEXASILOXANE

Ecotoxicity The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment.

DECAMETHYLCYCLOPENTASILOXANE

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

DIMETHYLBIS (1-OXONEODECYL) OXY) STANNANE

Ecotoxicity Harmful to aquatic life with long lasting effects.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Ecological information on ingredients.

DODECAMETHYLCYCLOHEXASILOXANE

Acute aquatic toxicity

Acute toxicity - aquatic plants ErC50, 72 hour: > 0.002 mg/l, Pseudokirchneriella subcapitata
Not toxic at limit of water solubility.

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 21 day: 0.0046 mg/l, Daphnia magna
Not toxic at limit of water solubility.

DECAMETHYLCYCLOPENTASILOXANE

Toxicity Not toxic at limit of water solubility.

Acute aquatic toxicity

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

Acute toxicity - fish	Not toxic at limit of water solubility. LC ₅₀ , 96 hours: >16 µg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	Not toxic at limit of water solubility. EC ₅₀ , 48 hours: >2.9 mg/l, Daphnia magna
Acute toxicity - aquatic plants	Not toxic at limit of water solubility. ErC50, 96 hours: > 0.012 mg/l, Pseudokirchneriella subcapitata Not toxic at limit of water solubility. NOEC, 96 hours: 0.012 mg/l, Pseudokirchneriella subcapitata
Acute toxicity - terrestrial	NOEC, : >= 76 mg/kg, Eisenia Fetida (Earthworm)
<u>Chronic aquatic toxicity</u>	
Chronic toxicity - fish early life stage	Not toxic at limit of water solubility. LC ₅₀ , 14 day: >16 mg/l, Oncorhynchus mykiss (Rainbow trout) Not toxic at limit of water solubility. NOEC, 45 day: >= 0.017 mg/l, Oncorhynchus mykiss (Rainbow trout) Not toxic at limit of water solubility. NOEC, 90 day: >= 0.014 mg/l, Oncorhynchus mykiss (Rainbow trout)
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 0.015 mg/l, Daphnia magna

DIMETHYLBIS (1-OXONEODECYL) OXY) STANNANE

Toxicity	Harmful to aquatic life with long lasting effects.
<u>Acute aquatic toxicity</u>	
Acute toxicity - fish	LC ₅₀ , 96 hour: > 100 mg/l, Brachydanio rerio (Zebra Fish)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hour: 39 mg/l, Daphnia magna
Acute toxicity - aquatic plants	ErC50, 72 hour: 7.6 mg/l, Desmodesmus subspicatus This information is based on test data from similar products NOEC, 72 hour: 1.1 mg/l, Desmodesmus subspicatus
Acute toxicity - microorganisms	This information is based on test data from similar products EC ₅₀ , 3 hours: 14 mg/l,

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Ecological information on ingredients.

DODECAMETHYLCYCLOHEXASILOXANE

Persistence and degradability	The product is not readily biodegradable.
Biodegradation	- Degradation 4.5%: 28 days OECD 301B

DECAMETHYLCYCLOPENTASILOXANE

Persistence and degradability	The product is expected to be slowly biodegradable.
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DOWSIL 736 HEAT TEMPERATURE SEALANT RED

Biodegradation - Degradation 0.14%: 28 days
(OECD 310)

DIMETHYLBIS (1-OXONEODECYL) OXY STANNANE

Persistence and degradability The product is expected to be slowly biodegradable.

Biodegradation - Degradation 3%: 28 day

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

Ecological information on ingredients.

DODECAMETHYLCYCLOHEXASILOXANE

Bioaccumulative potential Bioaccumulation is unlikely.

Partition coefficient log Pow: 8.87

DECAMETHYLCYCLOPENTASILOXANE

Bioaccumulative potential BCF: > 500, Pimephales promelas (Fat-head Minnow)
BCF: 2010, Fish Estimated value.

Partition coefficient log Pow: 5.2

DIMETHYLBIS (1-OXONEODECYL) OXY STANNANE

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility No information available.

Ecological information on ingredients.

DODECAMETHYLCYCLOHEXASILOXANE

Mobility Mobile.

DECAMETHYLCYCLOPENTASILOXANE

Mobility Not considered mobile.

Adsorption/desorption coefficient - Koc: > 5000 @ 20°C Estimated value.

DIMETHYLBIS (1-OXONEODECYL) OXY STANNANE

Mobility No information available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product contains a substance classified as vPvB. This product contains a substance classified as PBT.

Ecological information on ingredients.

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

DODECAMETHYLCYCLOHEXASILOXANE

Results of PBT and vPvB assessment

Dodecamethyl cyclohexasiloxane (D6) meets the current REACh Annex XIII criteria for vPvB. However, D6 does not behave similarly to known PBT/vPvB substances. The weight of scientific evidence from field studies shows that D6 is not biomagnifying in aquatic and terrestrial food webs. D6 in air will degrade by reaction with naturally occurring hydroxyl radicals in the atmosphere. Any D6 in air that does not degrade by reaction with hydroxyl radicals is not expected to deposit from the air to water, to land, or to living organisms.

DECAMETHYLCYCLOPENTASILOXANE

Results of PBT and vPvB assessment

Decamethylcyclopentasiloxane (D5) meets the current REACh Annex XIII criteria for vPvB. However, D5 does not behave similarly to known PBT/vPvB substances. The weight of scientific evidence from field studies shows that D5 is not biomagnifying in aquatic and terrestrial food webs. D5 in air will degrade by reaction with naturally occurring hydroxyl radicals in the atmosphere. Any D5 in air that does not degrade by reaction with hydroxyl radicals is not expected to deposit from the air to water, to land, or to living organisms. Based on an independent scientific panel of experts, the Canadian Minister of the Environment has concluded that "D5 is not entering the environment in a quantity or concentration or under conditions that have or may have an immediate or long-term harmful effect on the environment or its biological diversity, or that constitute or may constitute a danger to the environment on which life depends".

DIMETHYLBIS (1-OXONEODECYL) OXY) STANNANE

Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects No information available.

Ecological information on ingredients.

DECAMETHYLCYCLOPENTASILOXANE

Other adverse effects

Not determined.

DIMETHYLBIS (1-OXONEODECYL) OXY) STANNANE

Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Waste is classified as hazardous waste. Do not puncture or incinerate, even when empty.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78
and the IBC Code

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Commission Regulation (EU) No 2015/830 of 28 May 2015.

Restrictions (Annex XVII Regulation 1907/2006)

CAUTION - Chemical may be subject to REACH RESTRICTIONS - see Annex XVII. This product is/contains a substance that is included in REGULATION (EC) No 1907/2006 (REACH) ANNEX XVII - RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES. Entry number: 70 Entry number: 20

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

Abbreviations and acronyms used in the safety data sheet	ATE: Acute Toxicity Estimate. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service. DNEL: Derived No Effect Level. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods. Kow: Octanol-water partition coefficient. LC₅₀: Lethal Concentration to 50 % of a test population. LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose). PBT: Persistent, Bioaccumulative and Toxic substance. PNEC: Predicted No Effect Concentration. REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. vPvB: Very Persistent and Very Bioaccumulative. IARC: International Agency for Research on Cancer. MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. cATpE: Converted Acute Toxicity Point Estimate. BCF: Bioconcentration Factor. BOD: Biochemical Oxygen Demand. EC₅₀: 50% of maximal Effective Concentration. LOAEC: Lowest Observed Adverse Effect Concentration. LOAEL: Lowest Observed Adverse Effect Level. NOAEC: No Observed Adverse Effect Concentration. NOAEL: No Observed Adverse Effect Level. NOEC: No Observed Effect Concentration. LOEC: Lowest Observed Effect Concentration. DMEL: Derived Minimal Effect Level. EL50: Exposure Limit 50 hPa: Hectopascal LL50: Lethal Loading fifty OECD: Organisation for Economic Co-operation and Development POW: Octanol-water partition coefficient SCBA: self-contained breathing apparatus STP: Sewage Treatment Plant VOC: Volatile Organic Compounds
Classification abbreviations and acronyms	Acute Tox. = Acute toxicity Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Key literature references and sources for data	Supplier's information.
Classification procedures according to Regulation (EC) 1272/2008	Not classified.: Calculation method. EUH208: Calculation method.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	11/04/2022

DOWSIL 736 HEAT TEMPERATURE SEALANT RED

Version number	1.000
SDS number	63750
SDS status	Approved.
Hazard statements in full	H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains DIMETHYLBIS (1-OXONEODECYL) OXY) STANNANE. May produce an allergic reaction.
Signature	Lisa Bland

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