



Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

SECTION 1: Identification

1.1. Product identifier

3M™ Adhesive Sealant 760 UV, White, Gray and Black

Product Identification Numbers

7000046609	7000046611	7000121496	7010330427	7010367906
7010367908	7100097767	7100139449	7100139501	7100143555
7100160450	7100171408	62-5277-3932-0	62-5277-5233-1	62-5277-5237-2
62-5277-9532-2	62-5278-3932-8	62-5278-5232-1	62-5278-5237-0	62-5278-8533-9
62-5279-3932-6	62-5279-3936-7	62-5279-5233-7	62-5279-5237-8	

1.2. Recommended use and restrictions on use

Recommended use

Sealant.

For Industrial or Professional use only.

1.3. Supplier's details

Address: 3M Australia - Building A, 1 Rivett Road, North Ryde NSW 2113
Telephone: 136 136
E Mail: productinfo.au@mmm.com
Website: www.3m.com.au

1.4. Emergency telephone number

EMERGENCY: 1800 097 146 (Australia only)

SECTION 2: Hazard identification

This product is classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011, in accordance with applicable State and Territory legislation.

Refer to Section 14 of this Safety Data Sheets for product Dangerous Goods Classification.

2.1. Classification of the substance or mixture

Reproductive Toxicity: Category 1.

2.2. Label elements

The label elements below were prepared in accordance with the Code of Practice on Preparation of Safety Data Sheets for Hazardous Chemicals (Safe Work Australia, December 2011). This information may be different from the actual product label.

Signal word

Danger

Symbols

Health Hazard |

Pictograms**Hazard statements**

H360 May damage fertility or the unborn child.

Precautionary statements**Prevention:**

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280E Wear protective gloves.

Response:

P308 + P313 IF exposed or concerned: Get medical advice/attention.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

2.3. Other assigned/identified product hazards

Persons previously sensitised to amines may develop a cross-sensitisation reaction to certain other amines. Although titanium dioxide is classified as a carcinogen, exposures associated with this health effect are not expected during normal, intended use of this product. Eye damage/irrit. class not applied based on test data in similar mix A similar mixture has been tested for eye damage/irritation and the test results do not meet the criteria for classification.

2.4. Other hazards which do not result in classification

Causes mild skin irritation.

Harmful to aquatic life with long lasting effects.

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	CAS Nbr	% by Weight
Calcium Carbonate	471-34-1	25 - 45

Polyether 1	75009-88-0	7 - 30
Polyether 2	151865-59-7	7 - 30
Limestone	1317-65-3	< 15
Diisodecyl Phthalate	68515-49-1	5 - 15
Titanium dioxide	13463-67-7	< 12.5
Calcium Oxide	1305-78-8	< 3
Carbon Black (nanomaterial)	1333-86-4	< 2
Fatty Acids, C16-18	67701-03-5	< 2
Fatty acids, C16-18, sodium salts	68424-38-4	< 2
Phenol Alkyl Sulfonate	70775-94-9	< 2
Triiron tetraoxide	1317-61-9	< 2
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	< 1
Trimethoxyvinylsilane	2768-02-7	< 1
Diocetyl tinbis(acetylacetonate)	54068-28-9	< 1
Hindered Amine	63843-89-0	< 0.2
Quartz	14808-60-7	< 0.14
Copper	7440-50-8	< 0.005

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Remove person to fresh air. If you feel unwell, get medical attention.

Skin contact

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Eye contact

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If swallowed

Rinse mouth. If you feel unwell, get medical attention.

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

Allergic skin reaction (redness, swelling, blistering, and itching).

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

Not applicable.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Carbon monoxide.

Carbon dioxide.

Condition

During combustion.

During combustion.

Hydrogen gas.
Irritant vapours or gases.
Oxides of nitrogen.

During combustion.
During combustion.
During combustion.

5.3. Special protective actions for fire-fighters

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

For industrial/occupational use only. Not for consumer sale or use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Use personal protective equipment (eg. gloves, respirators...) as required.

7.2. Conditions for safe storage including any incompatibilities

Keep container tightly closed to prevent contamination with water or air. If contamination is suspected, do not reseal container. Store away from heat. Store away from amines.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Calcium Oxide	1305-78-8	ACGIH	TWA:2 mg/m3	
Calcium Oxide	1305-78-8	Australia OELs	TWA(8 hours): 2 mg/m3	
Limestone	1317-65-3	Australia OELs	TWA(Inspirable dust)(8 hours):10 mg/m3	

Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles	1317-65-3	ACGIH	TWA(inhalable particulates):10 mg/m3	
Particles (insoluble or poorly soluble) not otherwise specified, respirable particles	1317-65-3	ACGIH	TWA(respirable particles):3 mg/m3	
Carbon Black (nanomaterial)	1333-86-4	ACGIH	TWA(inhalable fraction):3 mg/m3	A3: Confirmed animal carcinogen.
Carbon Black (nanomaterial)	1333-86-4	Australia OELs	TWA(8 hours): 3 mg/m3	
Titanium dioxide	13463-67-7	ACGIH	TWA(Respirable nanoscale particles):0.2 mg/m3;TWA(Respirable finescale particles):2.5 mg/m3	A3: Confirmed animal carcinogen.
Titanium dioxide	13463-67-7	Australia OELs	TWA(Inspirable dust)(8 hours):10 mg/m3	
Quartz	14808-60-7	ACGIH	TWA(respirable fraction):0.025 mg/m3	A2: Suspected human carcin.
Quartz	14808-60-7	Australia OELs	TWA(8 hours):0.1 mg/m3;Limit value not established:	
Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles	471-34-1	ACGIH	TWA(inhalable particulates):10 mg/m3	
Particles (insoluble or poorly soluble) not otherwise specified, respirable particles	471-34-1	ACGIH	TWA(respirable particles):3 mg/m3	
Tin, organic compounds	54068-28-9	ACGIH	TWA(as Sn):0.1 mg/m3;STEL(as Sn):0.2 mg/m3	A4: Not classified as human carcinogen, Danger of cutaneous absorption
Tin, organic compounds	54068-28-9	Australia OELs	TWA(as Sn)(8 hours):0.1 mg/m3;STEL(as Sn)(15 minutes):0.2 mg/m3	SKIN
Copper	7440-50-8	Australia OELs	TWA(as fume)(8 hours):0.2 mg/m3;TWA(as Cu dust or mist)(8 hours):1 mg/m3	
COPPER, DUSTS AND MISTS, AS CU	7440-50-8	ACGIH	TWA(as Cu dust or mist):1 mg/m3	
COPPER, FUME AS CU	7440-50-8	ACGIH	TWA(as Cu, fume):0.2 mg/m3	

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

Australia OELs : Australia. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment

CMRG : Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

Sen: Sensitiser

Sk: Absorption through the skin may be a significant source of exposure.

8.2. Exposure controls

8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Safety glasses with side shields.

Select and use eye protection in accordance with AS/NZS 1336. Eye protection should comply with the performance specifications of AS/NZS 1337.

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended: Polymer laminate

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur, remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used: Nitrile rubber.

if this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron - polymer laminate

Select and use gloves according to AS/NZ 2161.

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for particulates.

For questions about suitability for a specific application, consult with your respirator manufacturer.

Select and use respirators according to AS/NZS 1715. Respirators should comply with AS/NZS 1716 performance specifications. For information about respirators, call 3M on 1800 024 464.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid.
Specific Physical Form:	Paste
Colour	Multicolour
Odour	Hindered Amine Hindered Amine
Odour threshold	<i>No data available.</i>
pH	<i>Not applicable.</i>
Melting point/Freezing point	<i>No data available.</i>
Boiling point/Initial boiling point/Boiling range	> 120 °C
Flash point	No flash point
Evaporation rate	<i>No data available.</i>
Flammability	Not applicable.

Flammable Limits(LEL)	<i>Not applicable.</i>
Flammable Limits(UEL)	<i>Not applicable.</i>
Relative Vapor Density	5 [Test Method:Estimated] [Ref Std:AIR=1]
Density	1.61 g/cm ³
Relative density	1.6 [Ref Std:WATER=1]
Water solubility	Negligible
Solubility- non-water	<i>No data available.</i>
Partition coefficient: n-octanol/water	<i>No data available.</i>
Autoignition temperature	> 200 °C
Decomposition temperature	<i>No data available.</i>
Kinematic Viscosity	<i>No data available.</i>
Volatile organic compounds (VOC)	<i>No data available.</i>
Percent volatile	1 % weight
VOC less H ₂ O & exempt solvents	16.1 g/l [Test Method:calculated SCAQMD rule 443.1]
VOC less H ₂ O & exempt solvents	1 % [Test Method:calculated per CARB title 2]
Molecular weight	<i>Not applicable.</i>

Particle Characteristics	<i>Not applicable.</i>
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SECTION 10: Stability and reactivity

10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability

Stable.

10.3. Conditions to avoid

Heat.

10.4. Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.5 Incompatible materials

Alcohols.

Water

Amines.

10.6 Hazardous decomposition products

Substance

None known.

Condition

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin contact

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. Allergic skin reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Eye contact

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May cause additional health effects (see below).

Additional Health Effects:

Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

Additional information:

Persons previously sensitised to amines may develop a cross-sensitisation reaction to certain other amines.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Dermal		No data available; calculated ATE >5,000 mg/kg
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Calcium Carbonate	Dermal	Rat	LD50 > 2,000 mg/kg
Calcium Carbonate	Inhalation-Dust/Mist (4 hours)	Rat	LC50 3 mg/l
Calcium Carbonate	Ingestion	Rat	LD50 6,450 mg/kg
Polyether 1	Ingestion	Rat	LD50 > 2,000 mg/kg
Polyether 2	Ingestion	Rat	LD50 > 2,000 mg/kg
Polyether 1	Dermal	similar health hazards	LD50 estimated to be 2,000 - 5,000 mg/kg
Polyether 2	Dermal	similar health hazards	LD50 estimated to be 2,000 - 5,000 mg/kg
Limestone	Dermal	Rat	LD50 > 2,000 mg/kg
Limestone	Inhalation-Dust/Mist (4 hours)	Rat	LC50 3 mg/l
Limestone	Ingestion	Rat	LD50 6,450 mg/kg
Titanium dioxide	Dermal	Rabbit	LD50 > 10,000 mg/kg
Titanium dioxide	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 6.82 mg/l
Titanium dioxide	Ingestion	Rat	LD50 > 10,000 mg/kg
Diisodecyl Phthalate	Dermal	Rabbit	LD50 > 3,160 mg/kg
Diisodecyl Phthalate	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 12.5 mg/l
Diisodecyl Phthalate	Ingestion	Rat	LD50 > 9,700 mg/kg
Calcium Oxide	Ingestion	Rat	LD50 > 2,500 mg/kg
Calcium Oxide	Dermal	similar compounds	LD50 > 2,500 mg/kg

Fatty acids, C16-18, sodium salts	Ingestion	Rat	LD50 > 5,000 mg/kg
Fatty acids, C16-18, sodium salts	Dermal	similar health hazards	LD50 estimated to be > 5,000 mg/kg
Phenol Alkyl Sulfonate	Dermal	Rat	LD50 > 1,000 mg/kg
Phenol Alkyl Sulfonate	Ingestion	Rat	LD50 > 5,000 mg/kg
Triiron tetraoxide	Dermal	Not available	LD50 3,100 mg/kg
Triiron tetraoxide	Ingestion	Not available	LD50 3,700 mg/kg
Fatty Acids, C16-18	Dermal	Rabbit	LD50 > 2,000 mg/kg
Fatty Acids, C16-18	Ingestion	Rat	LD50 > 5,000 mg/kg
Carbon Black (nanomaterial)	Dermal	Rabbit	LD50 > 3,000 mg/kg
Carbon Black (nanomaterial)	Ingestion	Rat	LD50 > 8,000 mg/kg
Trimethoxyvinylsilane	Dermal	Rabbit	LD50 3,260 mg/kg
Trimethoxyvinylsilane	Inhalation-Vapour (4 hours)	Rat	LC50 16.8 mg/l
Trimethoxyvinylsilane	Ingestion	Rat	LD50 7,120 mg/kg
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	Dermal	Rabbit	LD50 > 2,000 mg/kg
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	Inhalation-Dust/Mist (4 hours)	Rat	LC50 >1.49, <2.44 mg/l
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	Ingestion	Rat	LD50 1,897 mg/kg
Dioctyltinbis(acetylacetonate)	Dermal	Rat	LD50 > 2,000 mg/kg
Dioctyltinbis(acetylacetonate)	Ingestion	Rat	LD50 > 2,000 mg/kg
Quartz	Dermal		LD50 estimated to be > 5,000 mg/kg
Quartz	Ingestion		LD50 estimated to be > 5,000 mg/kg
Hindered Amine	Dermal	Rat	LD50 > 3,170 mg/kg
Hindered Amine	Ingestion	Rat	LD50 1,490 mg/kg
Copper	Dermal	Rat	LD50 > 2,000 mg/kg
Copper	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 5.11 mg/l
Copper	Ingestion	Rat	LD50 > 2,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Calcium Carbonate	Rabbit	No significant irritation
Limestone	Rabbit	No significant irritation
Titanium dioxide	Rabbit	No significant irritation
Diisodecyl Phthalate	Rabbit	Minimal irritation
Calcium Oxide	Human	Corrosive
Fatty acids, C16-18, sodium salts	Rabbit	No significant irritation
Triiron tetraoxide	Rabbit	No significant irritation
Fatty Acids, C16-18	Rabbit	No significant irritation
Carbon Black (nanomaterial)	Rabbit	No significant irritation
Trimethoxyvinylsilane	Rabbit	Minimal irritation
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	Rabbit	Mild irritant
Dioctyltinbis(acetylacetonate)	Rabbit	No significant irritation
Quartz	Professional judgement	No significant irritation
Hindered Amine	Rabbit	No significant irritation
Copper	Rabbit	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
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Overall product	In vitro data	No significant irritation
Calcium Carbonate	Rabbit	No significant irritation
Limestone	Rabbit	No significant irritation
Titanium dioxide	Rabbit	No significant irritation
Diisodecyl Phthalate	Rabbit	Mild irritant
Calcium Oxide	Rabbit	Corrosive
Fatty acids, C16-18, sodium salts	Rabbit	No significant irritation
Triiron tetraoxide	Rabbit	No significant irritation
Fatty Acids, C16-18	Rabbit	No significant irritation
Carbon Black (nanomaterial)	Rabbit	No significant irritation
Trimethoxyvinylsilane	Rabbit	No significant irritation
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	Rabbit	Corrosive
Dioctyltinbis(acetylacetonate)	Rabbit	Mild irritant
Hindered Amine	Rabbit	Mild irritant
Copper	Rabbit	Mild irritant

Skin Sensitisation

Name	Species	Value
Titanium dioxide	Human and animal	Not classified
Diisodecyl Phthalate	Guinea pig	Not classified
Fatty acids, C16-18, sodium salts	similar compounds	Not classified
Triiron tetraoxide	Human	Not classified
Fatty Acids, C16-18	Guinea pig	Not classified
Trimethoxyvinylsilane	Guinea pig	Some positive data exist, but the data are not sufficient for classification
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	Multiple animal species	Sensitising
Dioctyltinbis(acetylacetonate)	Mouse	Sensitising
Hindered Amine	Guinea pig	Not classified

Photosensitisation

Name	Species	Value
Hindered Amine	Guinea pig	Not sensitizing

Respiratory Sensitisation

For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

Name	Route	Value
Titanium dioxide	In Vitro	Not mutagenic
Titanium dioxide	In vivo	Not mutagenic
Diisodecyl Phthalate	In Vitro	Not mutagenic
Diisodecyl Phthalate	In vivo	Not mutagenic
Calcium Oxide	In Vitro	Not mutagenic
Fatty acids, C16-18, sodium salts	In Vitro	Not mutagenic
Triiron tetraoxide	In Vitro	Not mutagenic
Fatty Acids, C16-18	In Vitro	Not mutagenic
Carbon Black (nanomaterial)	In Vitro	Not mutagenic
Carbon Black (nanomaterial)	In vivo	Some positive data exist, but the data are not sufficient for classification
Trimethoxyvinylsilane	In vivo	Not mutagenic
Trimethoxyvinylsilane	In Vitro	Some positive data exist, but the data are not sufficient for classification
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	In Vitro	Not mutagenic
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	In vivo	Not mutagenic

Diocetylbinbis(acetylacetonate)	In Vitro	Not mutagenic
Quartz	In Vitro	Some positive data exist, but the data are not sufficient for classification
Quartz	In vivo	Some positive data exist, but the data are not sufficient for classification
Hindered Amine	In vivo	Not mutagenic
Hindered Amine	In Vitro	Some positive data exist, but the data are not sufficient for classification

Carcinogenicity

Name	Route	Species	Value
Titanium dioxide	Ingestion	Multiple animal species	Not carcinogenic
Titanium dioxide	Inhalation	Rat	Carcinogenic.
Triiron tetraoxide	Inhalation	Human	Some positive data exist, but the data are not sufficient for classification
Carbon Black (nanomaterial)	Dermal	Mouse	Not carcinogenic
Carbon Black (nanomaterial)	Ingestion	Mouse	Not carcinogenic
Carbon Black (nanomaterial)	Inhalation	Rat	Carcinogenic.
Quartz	Inhalation	Human and animal	Carcinogenic.

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Calcium Carbonate	Ingestion	Not classified for development	Rat	NOAEL 625 mg/kg/day	pre mating & during gestation
Limestone	Ingestion	Not classified for development	Rat	NOAEL 625 mg/kg/day	pre mating & during gestation
Diisodecyl Phthalate	Ingestion	Not classified for female reproduction	Rat	NOAEL 927 mg/kg/day	2 generation
Diisodecyl Phthalate	Ingestion	Not classified for male reproduction	Rat	NOAEL 929 mg/kg/day	2 generation
Diisodecyl Phthalate	Ingestion	Toxic to development	Rat	NOAEL 38 mg/kg/day	2 generation
Fatty Acids, C16-18	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,000 mg/kg/day	pre mating into lactation
Fatty Acids, C16-18	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,000 mg/kg/day	42 days
Fatty Acids, C16-18	Ingestion	Not classified for development	Rat	NOAEL 1,000 mg/kg/day	pre mating into lactation
Trimethoxyvinylsilane	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,000 mg/kg/day	pre mating into lactation
Trimethoxyvinylsilane	Ingestion	Not classified for development	Rat	NOAEL 1,000 mg/kg/day	pre mating into lactation
Trimethoxyvinylsilane	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,000 mg/kg/day	pre mating into lactation
Trimethoxyvinylsilane	Inhalation	Not classified for development	Rat	NOAEL 1.8 mg/l	during organogenesis
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	Ingestion	Not classified for female reproduction	Rat	NOAEL 500 mg/kg/day	pre mating into lactation
N-(3-	Ingestion	Not classified for	Rat	NOAEL 500	28 days

(Trimethoxysilyl)propyl)ethylenediamine		male reproduction		mg/kg/day	
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	Ingestion	Not classified for development	Rat	NOAEL 750 mg/kg/day	during gestation
Dioctyltinbis(acetylacetonate)	Ingestion	Toxic to development	similar compounds	NOAEL not available	2 generation
Hindered Amine	Ingestion	Not classified for female reproduction	Rat	NOAEL 10 mg/kg/day	premating into lactation
Hindered Amine	Ingestion	Not classified for male reproduction	Rat	NOAEL 10 mg/kg/day	36 days
Hindered Amine	Ingestion	Not classified for development	Rat	NOAEL 10 mg/kg/day	premating into lactation

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Calcium Carbonate	Inhalation	respiratory system	Not classified	Rat	NOAEL 0.812 mg/l	90 minutes
Limestone	Inhalation	respiratory system	Not classified	Rat	NOAEL 0.812 mg/l	90 minutes
Calcium Oxide	Inhalation	respiratory irritation	May cause respiratory irritation	Not available	NOAEL Not available	occupational exposure
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Calcium Carbonate	Inhalation	respiratory system	Not classified	Human	NOAEL Not available	occupational exposure
Limestone	Inhalation	respiratory system	Not classified	Human	NOAEL Not available	occupational exposure
Titanium dioxide	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 0.01 mg/l	2 years
Titanium dioxide	Inhalation	pulmonary fibrosis	Not classified	Human	NOAEL Not available	occupational exposure
Diisodecyl Phthalate	Inhalation	respiratory system hematopoietic system liver	Not classified	Rat	NOAEL 0.5 mg/l	2 weeks
Diisodecyl Phthalate	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 0.5 mg/l	2 generation
Diisodecyl Phthalate	Ingestion	endocrine system	Not classified	Rat	NOAEL 686 mg/kg/day	90 days
Diisodecyl Phthalate	Ingestion	liver kidney and/or bladder heart	Not classified	Rat	NOAEL 500 mg/kg/day	90 days
Diisodecyl Phthalate	Ingestion	hematopoietic system	Not classified	Dog	NOAEL 320 mg/kg/day	90 days
Triiron	Inhalation	pulmonary	Not classified	Human	NOAEL Not	occupational

tetraoxide		fibrosis pneumoconiosis			available	exposure
Fatty Acids, C16-18	Ingestion	heart endocrine system hematopoietic system liver immune system nervous system kidney and/or bladder	Not classified	Rat	NOAEL 1,000 mg/kg/day	42 days
Carbon Black (nanomaterial)	Inhalation	pneumoconiosis	Not classified	Human	NOAEL Not available	occupational exposure
Trimethoxyvi nylsilane	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL mg/l	14 weeks
Trimethoxyvi nylsilane	Inhalation	hematopoietic system eyes	Not classified	Rat	NOAEL 2.4 mg/l	14 weeks
Trimethoxyvi nylsilane	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 250 mg/kg/day	40 days
Trimethoxyvi nylsilane	Ingestion	endocrine system hematopoietic system liver immune system	Not classified	Rat	NOAEL 1,000 mg/kg/day	40 days
N-(3- (Trimethoxysi lyl)propyl)eth ylenediamine	Dermal	skin endocrine system hematopoietic system kidney and/or bladder	Not classified	Rat	NOAEL 1,545 mg/kg/day	11 days
N-(3- (Trimethoxysi lyl)propyl)eth ylenediamine	Inhalation	respiratory system	May cause damage to organs though prolonged or repeated exposure	Rat	NOAEL 0.015 mg/l	90 days
N-(3- (Trimethoxysi lyl)propyl)eth ylenediamine	Inhalation	hematopoietic system eyes kidney and/or bladder	Not classified	Rat	NOAEL 0.044 mg/l	90 days
N-(3- (Trimethoxysi lyl)propyl)eth ylenediamine	Ingestion	hematopoietic system nervous system	Not classified	Rat	NOAEL 500 mg/kg/day	28 days
Dioctyltinbis(acetylacetonat e)	Ingestion	immune system	Causes damage to organs through prolonged or repeated exposure	similar compounds	NOAEL not available	
Quartz	Inhalation	silicosis	Causes damage to organs through prolonged or repeated exposure	Human	NOAEL Not available	occupational exposure
Hindered Amine	Ingestion	gastrointestinal tract hematopoietic system liver immune system	Causes damage to organs through prolonged or repeated exposure	Rat	NOAEL 2 mg/kg/day	36 days

Aspiration Hazard

For the component/components, either no data are currently available or the data are not sufficient for classification.

Exposure Levels

Refer Section 8.1 Control Parameters of this Safety Data Sheet.

Interactive Effects

Not Determined

SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity**Acute aquatic hazard:**

Not acutely toxic to aquatic life by GHS criteria.

Chronic aquatic hazard:

GHS Chronic 3: Harmful to aquatic life with long lasting effects.

No product test data available.

Material	CAS Number	Organism	Type	Exposure	Test endpoint	Test result
Calcium Carbonate	471-34-1	Green algae	Experimental	72 hours	EC50	>100 mg/l
Calcium Carbonate	471-34-1	Rainbow trout	Experimental	96 hours	LC50	>100 mg/l
Calcium Carbonate	471-34-1	Water flea	Experimental	48 hours	EC50	>100 mg/l
Calcium Carbonate	471-34-1	Green algae	Experimental	72 hours	EC10	100 mg/l
Polyether 1	75009-88-0	Green algae	Experimental	72 hours	ErC50	>100 mg/l
Polyether 1	75009-88-0	Water flea	Experimental	48 hours	EC50	>100 mg/l
Polyether 2	151865-59-7	Green algae	Experimental	72 hours	ErC50	>100 mg/l
Polyether 2	151865-59-7	Water flea	Experimental	48 hours	EC50	>100 mg/l
Diisodecyl Phthalate	68515-49-1	Activated sludge	Experimental	30 minutes	EC50	>83.3 mg/l
Diisodecyl Phthalate	68515-49-1	Green algae	Experimental	96 hours	EC50	>100 mg/l
Diisodecyl Phthalate	68515-49-1	Rainbow trout	Experimental	96 hours	LC50	>100 mg/l
Diisodecyl Phthalate	68515-49-1	Water flea	Experimental	48 hours	EC50	>100 mg/l
Diisodecyl Phthalate	68515-49-1	Green algae	Experimental	96 hours	NOEC	100 mg/l
Diisodecyl Phthalate	68515-49-1	Water flea	Experimental	21 days	NOEC	100 mg/l
Limestone	1317-65-3	Green algae	Estimated	72 hours	EC50	>100 mg/l
Limestone	1317-65-3	Rainbow trout	Estimated	96 hours	LC50	>100 mg/l
Limestone	1317-65-3	Water flea	Estimated	48 hours	EC50	>100 mg/l
Limestone	1317-65-3	Green algae	Estimated	72 hours	EC10	>100 mg/l
Titanium dioxide	13463-67-7	Diatom	Experimental	72 hours	ErC50	>10,000 mg/l
Titanium dioxide	13463-67-7	Fathead minnow	Experimental	96 hours	No tox obs at lmt of water sol	>100 mg/l
Titanium dioxide	13463-67-7	Green algae	Experimental	72 hours	No tox obs at lmt of water sol	>100 mg/l
Titanium dioxide	13463-67-7	Water flea	Experimental	48 hours	No tox obs at lmt of water sol	>100 mg/l
Titanium dioxide	13463-67-7	Amphipod	Experimental	10 days	NOEC	>14,989 mg/kg (Dry Weight)
Titanium dioxide	13463-67-7	Diatom	Experimental	72 hours	NOEC	5,600 mg/l
Titanium dioxide	13463-67-7	Fish	Experimental	30 days	No tox obs at lmt of water sol	100 mg/l

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Titanium dioxide	13463-67-7	Green algae	Experimental	72 hours	No tox obs at lmt of water sol	100 mg/l
Titanium dioxide	13463-67-7	Water flea	Experimental	30 days	No tox obs at lmt of water sol	100 mg/l
Titanium dioxide	13463-67-7	Activated sludge	Experimental	3 hours	NOEC	>=1,000 mg/l
Titanium dioxide	13463-67-7	Redworm	Experimental	14 days	NOEC	>=1,000 mg/kg (Dry Weight)
Calcium Oxide	1305-78-8	Common Carp	Experimental	96 hours	LC50	1,070 mg/l
Carbon Black (nanomaterial)	1333-86-4	Green algae	Experimental	72 hours	No tox obs at lmt of water sol	>100 mg/l
Carbon Black (nanomaterial)	1333-86-4	Zebra Fish	Experimental	96 hours	No tox obs at lmt of water sol	>100 mg/l
Carbon Black (nanomaterial)	1333-86-4	Green algae	Experimental	72 hours	No tox obs at lmt of water sol	100 mg/l
Carbon Black (nanomaterial)	1333-86-4	Activated sludge	Experimental	3 hours	NOEC	>800 mg/l
Fatty Acids, C16-18	67701-03-5	Green algae	Analogous Compound	72 hours	No tox obs at lmt of water sol	>100 mg/l
Fatty Acids, C16-18	67701-03-5	Water flea	Analogous Compound	48 hours	No tox obs at lmt of water sol	>100 mg/l
Fatty Acids, C16-18	67701-03-5	Zebra Fish	Analogous Compound	96 hours	No tox obs at lmt of water sol	>100 mg/l
Fatty Acids, C16-18	67701-03-5	Green algae	Analogous Compound	72 hours	No tox obs at lmt of water sol	100 mg/l
Fatty Acids, C16-18	67701-03-5	Water flea	Analogous Compound	21 days	No tox obs at lmt of water sol	100 mg/l
Fatty Acids, C16-18	67701-03-5	Bacteria	Analogous Compound	18 hours	EC10	883 mg/l
Fatty acids, C16-18, sodium salts	68424-38-4	Green algae	Analogous Compound	96 hours	EC50	>100 mg/l
Fatty acids, C16-18, sodium salts	68424-38-4	Water flea	Analogous Compound	24 hours	EC50	40 mg/l
Fatty acids, C16-18, sodium salts	68424-38-4	Zebra Fish	Analogous Compound	96 hours	LC50	46 mg/l
Fatty acids, C16-18, sodium salts	68424-38-4	Green algae	Analogous Compound	96 hours	EC10	48 mg/l
Fatty acids, C16-18, sodium salts	68424-38-4	Bacteria	Analogous Compound	30 minutes	EC10	850 mg/l
Triiron tetraoxide	1317-61-9	Green algae	Analogous Compound	72 hours	No tox obs at lmt of water sol	>100 mg/l
Triiron tetraoxide	1317-61-9	Water flea	Analogous Compound	48 hours	No tox obs at lmt of water sol	>100 mg/l
Triiron tetraoxide	1317-61-9	Zebra Fish	Analogous Compound	96 hours	No tox obs at lmt of water sol	>100 mg/l
Triiron tetraoxide	1317-61-9	Green algae	Analogous Compound	72 hours	No tox obs at lmt of water sol	>100 mg/l
Triiron tetraoxide	1317-61-9	Water flea	Analogous Compound	21 days	No tox obs at lmt of water sol	>100 mg/l
Triiron tetraoxide	1317-61-9	Activated sludge	Analogous Compound	3 hours	EC50	>=10,000 mg/l
Phenol Alkyl Sulfonate	70775-94-9	Medaka	Experimental	96 hours	LC50	>100 mg/l
Phenol Alkyl Sulfonate	70775-94-9	Water flea	Experimental	48 hours	No tox obs at lmt of water sol	>100 mg/l
Phenol Alkyl Sulfonate	70775-94-9	Green algae	Experimental	72 hours	EC10	>=2 mg/l
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	Bacteria	Experimental	16 hours	EC50	67 mg/l
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	Fathead minnow	Experimental	96 hours	LC50	168 mg/l
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	Green algae	Experimental	72 hours	ErC50	8.8 mg/l

N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	Water flea	Experimental	48 hours	EC50	81 mg/l
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	Green algae	Experimental	72 hours	NOEC	3.1 mg/l
Diocetyl tinbis(acetyl acetate)	54068-28-9	Fathead minnow	Estimated	96 hours	LC50	282 mg/l
Diocetyl tinbis(acetyl acetate)	54068-28-9	Green algae	Estimated	72 hours	ErC50	226 mg/l
Diocetyl tinbis(acetyl acetate)	54068-28-9	Water flea	Estimated	48 hours	EC50	70.2 mg/l
Diocetyl tinbis(acetyl acetate)	54068-28-9	Fathead minnow	Estimated	34 days	NOEC	27 mg/l
Diocetyl tinbis(acetyl acetate)	54068-28-9	Green algae	Estimated	72 hours	NOEC	8.7 mg/l
Diocetyl tinbis(acetyl acetate)	54068-28-9	Water flea	Estimated	21 days	NOEC	0.62 mg/l
Trimethoxyvinylsilane	2768-02-7	Bacteria	Experimental	5 hours	EC10	1.1 mg/l
Trimethoxyvinylsilane	2768-02-7	Green algae	Experimental	72 hours	EC50	>957 mg/l
Trimethoxyvinylsilane	2768-02-7	Rainbow trout	Experimental	96 hours	LC50	191 mg/l
Trimethoxyvinylsilane	2768-02-7	Water flea	Experimental	48 hours	EC50	169 mg/l
Trimethoxyvinylsilane	2768-02-7	Green algae	Experimental	72 hours	NOEC	957 mg/l
Trimethoxyvinylsilane	2768-02-7	Water flea	Experimental	21 days	NOEC	28 mg/l
Hindered Amine	63843-89-0	Activated sludge	Experimental	3 hours	Slight Polyether	>100 mg/l
Hindered Amine	63843-89-0	Water flea	Experimental	21 days	NOEC	0.002 mg/l
Quartz	14808-60-7	Green algae	Estimated	72 hours	EC50	440 mg/l
Quartz	14808-60-7	Water flea	Estimated	48 hours	EC50	7,600 mg/l
Quartz	14808-60-7	Zebra Fish	Estimated	96 hours	LC50	5,000 mg/l
Quartz	14808-60-7	Green algae	Estimated	72 hours	NOEC	60 mg/l
Copper	7440-50-8	Green algae	Analogous Compound	72 hours	ErC50	0.1049 mg/l
Copper	7440-50-8	Water flea	Analogous Compound	48 hours	EC50	0.0126 mg/l
Copper	7440-50-8	Zebra Fish	Analogous Compound	96 hours	LC50	0.0117 mg/l
Copper	7440-50-8	Fathead minnow	Analogous Compound	32 days	EC10	0.0059 mg/l
Copper	7440-50-8	Green algae	Analogous Compound	N/A	NOEC	0.022 mg/l
Copper	7440-50-8	Water flea	Analogous Compound	7 days	NOEC	0.004 mg/l
Copper	7440-50-8	Activated sludge	Analogous Compound	N/A	EC50	7 mg/l

12.2. Persistence and degradability

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Calcium Carbonate	471-34-1	Data not available-insufficient	N/A	N/A	N/A	N/A
Polyether 1	75009-88-0	Data not available-insufficient	N/A	N/A	N/A	N/A
Polyether 2	151865-59-7	Data not	N/A	N/A	N/A	N/A

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		available-insufficient				
Diisodecyl Phthalate	68515-49-1	Experimental Biodegradation	28 days	BOD	74 %BOD/ThOD	OECD 301F - Manometric respirometry
Limestone	1317-65-3	Data not available-insufficient	N/A	N/A	N/A	N/A
Titanium dioxide	13463-67-7	Data not available-insufficient	N/A	N/A	N/A	N/A
Calcium Oxide	1305-78-8	Data not available-insufficient	N/A	N/A	N/A	N/A
Carbon Black (nanomaterial)	1333-86-4	Data not available-insufficient	N/A	N/A	N/A	N/A
Fatty Acids, C16-18	67701-03-5	Analogous Compound Biodegradation	28 days	CO2 evolution	72 %CO2 evolution/THCO2 evolution (does not pass 10-day window)	OECD 301B - Modified sturm or CO2
Fatty acids, C16-18, sodium salts	68424-38-4	Analogous Compound Biodegradation	28 days	Dissolv. Organic Carbon Deplet	86 %removal of DOC	OECD 301E - Modif. OECD Screen
Triiron tetraoxide	1317-61-9	Data not available-insufficient	N/A	N/A	N/A	N/A
Phenol Alkyl Sulfonate	70775-94-9	Estimated Biodegradation	28 days	BOD	51 %BOD/ThOD	
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	Experimental Biodegradation	28 days	Dissolv. Organic Carbon Deplet	39 %removal of DOC	EC C.4.A. DOC Die-Away Test
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	Experimental Hydrolysis		Hydrolytic half-life (pH 7)	1.5 minutes (t 1/2)	
Diocetyl tinbis(acetyl acetate)	54068-28-9	Experimental Biodegradation	28 days	BOD	9 %BOD/ThOD	OECD 301F - Manometric respirometry
Diocetyl tinbis(acetyl acetate)	54068-28-9	Experimental Hydrolysis		Hydrolytic half-life (pH 7)	<10 minutes (t 1/2)	OECD 111 Hydrolysis func of pH
Trimethoxyvinylsilane	2768-02-7	Experimental Biodegradation	28 days	BOD	51 %BOD/ThOD	OECD 301F - Manometric respirometry
Hindered Amine	63843-89-0	Experimental Biodegradation	28 days	CO2 evolution	2 %CO2 evolution/THCO2 evolution	OECD 301B - Modified sturm or CO2
Quartz	14808-60-7	Data not available-insufficient	N/A	N/A	N/A	N/A
Copper	7440-50-8	Data not available-insufficient	N/A	N/A	N/A	N/A

12.3 : Bioaccumulative potential

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Calcium Carbonate	471-34-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Polyether 1	75009-88-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Polyether 2	151865-59-7	Bioconcentration		Log Kow	>1.7	
Diisodecyl Phthalate	68515-49-1	Estimated BCF - Fish	56 days	Bioaccumulation factor	<14.4	OECD305-Bioconcentration
Limestone	1317-65-3	Data not available	N/A	N/A	N/A	N/A

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		or insufficient for classification				
Titanium dioxide	13463-67-7	Experimental BCF - Fish	42 days	Bioaccumulation factor	9.6	
Calcium Oxide	1305-78-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Carbon Black (nanomaterial)	1333-86-4	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Fatty Acids, C16-18	67701-03-5	Analogous Compound BCF - Fish		Bioaccumulation factor	242	similar to OECD 305
Fatty acids, C16-18, sodium salts	68424-38-4	Experimental Bioconcentration		Log Kow	3.3	OECD 107 log Kow shke flask mtd
Triiron tetraoxide	1317-61-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Phenol Alkyl Sulfonate	70775-94-9	Experimental BCF - Fish	36 days	Bioaccumulation factor	56-212	
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Diocetyl tinbis(acetyl acetate)	54068-28-9	Analogous Compound BCF - Fish	30 days	Bioaccumulation factor	<100	OECD305-Bioconcentration
Diocetyl tinbis(acetyl acetate)	54068-28-9	Hydrolysis Product Bioconcentration		Log Kow	0.68	EC A.8 Partition Coefficient
Trimethoxyvinylsilane	2768-02-7	Estimated Bioconcentration		Log Kow	-2	
Hindered Amine	63843-89-0	Experimental BCF - Fish	60 days	Bioaccumulation factor	≤437.1	OECD305-Bioconcentration
Quartz	14808-60-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Copper	7440-50-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

12.4. Mobility in soil

Please contact manufacturer for more details

12.5 Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Disposal methods**

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes.

SECTION 14: Transport Information**Australian Dangerous Goods Code (ADG) - Road/Rail Transport**

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable.

Sub Risk: Not applicable.

Packing Group: Not applicable.

Hazchem Code: Not applicable

IERG: Not applicable.

International Air Transport Association (IATA) - Air Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable.

Sub Risk: Not applicable.

Packing Group: Not applicable.

International Maritime Dangerous Goods Code (IMDG)- Marine Transport

UN No.: Not applicable.

Proper shipping name: Not applicable.

Class/Division: Not applicable.

Sub Risk: Not applicable.

Packing Group: Not applicable.

Marine Pollutant: Not applicable.

SECTION 15: Regulatory information

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

Australian Inventory Status:

All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC). Conditions may apply prior to introduction for direct importers of this product, Please contact 3M Australia on 136 136 for further details.

Poison Schedule: This product is intended for Industrial or Professional Use only and therefore is not packaged and labelled in accordance with the requirements of the Standard for the Uniform Scheduling of Medicines and Poisons.

SECTION 16: Other information

Revision information:

Initial issue.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Safety Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

Greenguard® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

3M Australia SDSs are available at www.3m.com.au