



Safety Data Sheet

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|------------------------|------------|-------------------------|------------|
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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

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

1.1. Product identifier

Scotchgard(TM) Stone Floor Protector Plus

Product Identification Numbers

75-0400-3166-0 UU-0095-8933-2

7100156060 7100180836

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

Identified uses

Hard floor maintenance.

1.3. Details of the supplier of the safety data sheet

Address: 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.
Telephone: +44 (0)1344 858 000
E Mail: tox.uk@mmm.com
Website: www.3M.com/uk

1.4. Emergency telephone number

+44 (0)1344 858 000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

Not applicable

SUPPLEMENTAL INFORMATION:

Supplemental Hazard Statements:

EUH210 Safety data sheet available on request.

EUH208 Contains 2-methylisothiazol-3(2H)-one. | reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Information required per Regulation (EU) No 528/2012 on Biocidal Products:

Contains a biocidal product (preservative): C(M)IT/MIT (3:1).

2.3. Other hazards

None known.

This material does not contain any substances that are assessed to be a PBT or vPvB

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Ingredient | Identifier(s) | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|-----------|--|
| Water | (CAS-No.) 7732-18-5 (EC-No.) 231-791-2 | 80 - 100 | Substance not classified as hazardous |
| Poly(methyl methacrylate) | (CAS-No.) 9011-14-7 | 0.5 - 1.5 | Substance not classified as hazardous |
| Modified Silica | Trade Secret | 2 - 6 | Substance not classified as hazardous |
| Proprietary Emulsion Blend 2 | Trade Secret | < 5 | Substance not classified as hazardous |
| Proprietary Polymer Emulsion 1 | Trade Secret | < 5 | Substance not classified as hazardous |
| Proprietary Emulsion Blend 1 | Trade Secret | < 2 | Substance not classified as hazardous |
| 2-(2-Ethoxyethoxy)ethanol | (CAS-No.) 111-90-0 (EC-No.) 203-919-7 | 1 - 2 | Substance not classified as hazardous |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | (CAS-No.) 55965-84-9 (EC-No.) 911-418-6 | < 0.0002 | EUH071 Acute Tox. 3, H301 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400,M=100 Aquatic Chronic 1, H410,M=100 Nota B Acute Tox. 2, H330 Acute Tox. 2, H310 |
| 2-methylisothiazol-3(2H)-one | (CAS-No.) 2682-20-4 (EC-No.) 220-239-6 | < 0.01 | Acute Tox. 2, H330 EUH071 Acute Tox. 3, H311 |

| | | | |
|--|--|--|--|
| | | | Acute Tox. 3, H301 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400,M=1 Aquatic Chronic 1, H410,M=1 |
|--|--|--|--|

Any entry in the Identifier(s) column that begins with the numbers 6, 7, 8, or 9 are a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance.
Please see section 16 for the full text of any H statements referred to in this section

Specific Concentration Limits

| Ingredient | Identifier(s) | Specific Concentration Limits |
|---|--|--|
| 2-methylisothiazol-3(2H)-one | (CAS-No.) 2682-20-4 (EC-No.) 220-239-6 | (C >= 0.0015%) Skin Sens. 1A, H317 |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | (CAS-No.) 55965-84-9 (EC-No.) 911-418-6 | (C >= 0.6%) Skin Corr. 1C, H314 (0.06% <= C < 0.6%) Skin Irrit. 2, H315 (C >= 0.6%) Eye Dam. 1, H318 (0.06% <= C < 0.6%) Eye Irrit. 2, H319 (C >= 0.0015%) Skin Sens. 1A, H317 |

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

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

No need for first aid is anticipated.

Eye contact

No need for first aid is anticipated.

If swallowed

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

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

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

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

Not applicable.

SECTION 5: Fire-fighting measures

5.1. 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

| <u>Substance</u> | <u>Condition</u> |
|------------------|--------------------|
| Carbon monoxide | During combustion. |
| Carbon dioxide. | During combustion. |

5.3. Advice 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 vapours, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities

Store away from heat.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

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

None required.

Skin/hand protection

No chemical protective gloves are required.

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 organic vapours and particulates

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

Applicable Norms/Standards

Use a respirator conforming to EN 140 or EN 136: filter types A & P

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Physical state | Liquid. |
| Colour | Milky White |
| Odor | Acrylic |
| Odour threshold | No data available. |
| Melting point/freezing point | Not applicable. |
| Boiling point/boiling range | approximately 95 °C |
| Flammability (solid, gas) | Not applicable. |
| Flammable Limits(LEL) | No data available. |
| Flammable Limits(UEL) | No data available. |
| Flash point | 93.9 °C [@ 2,666.44 Pa] [Test Method:Closed Cup] |
| Autoignition temperature | No data available. |
| Decomposition temperature | No data available. |
| pH | 10 - 11 |
| Kinematic Viscosity | No data available. |
| Water solubility | Complete [Details:Dispersible] |
| Solubility- non-water | No data available. |
| Partition coefficient: n-octanol/water | No data available. |
| Vapour pressure | < 2,399.8 Pa [@ 20 °C] |
| Density | approximately 1 g/ml |
| Relative density | approximately 1 [Ref Std:WATER=1] |
| Relative Vapour Density | No data available. |

9.2. Other information

9.2.2 Other safety characteristics

| | |
|-------------------------------|--------------------|
| EU Volatile Organic Compounds | No data available. |
| Evaporation rate | No data available. |

Molecular weight
Percent volatile

Not applicable.
No data available.

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 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Substance

Condition

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from internal hazard assessments.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

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

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.

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 | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| 2-(2-Ethoxyethoxy)ethanol | Dermal | Rabbit | LD50 9,143 mg/kg |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | Rat | LD50 5,400 mg/kg |
| Poly(methyl methacrylate) | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Poly(methyl methacrylate) | Ingestion | Rat | LD50 > 5,000 mg/kg |
| 2-methylisothiazol-3(2H)-one | Dermal | Rabbit | LD50 87 mg/kg |
| 2-methylisothiazol-3(2H)-one | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.33 mg/l |
| 2-methylisothiazol-3(2H)-one | Ingestion | Rat | LD50 40 mg/kg |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Dermal | Rabbit | LD50 87 mg/kg |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.33 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Rat | LD50 40 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--|---------|---------------------------|
| 2-(2-Ethoxyethoxy)ethanol | Rabbit | No significant irritation |
| Poly(methyl methacrylate) | Rabbit | No significant irritation |
| 2-methylisothiazol-3(2H)-one | Rabbit | Corrosive |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Rabbit | Corrosive |

Serious Eye Damage/Irritation

| Name | Species | Value |
|--|---------|-------------------|
| 2-(2-Ethoxyethoxy)ethanol | Rabbit | Moderate irritant |
| Poly(methyl methacrylate) | Rabbit | Mild irritant |
| 2-methylisothiazol-3(2H)-one | Rabbit | Corrosive |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Rabbit | Corrosive |

Skin Sensitisation

| Name | Species | Value |
|--|------------------|----------------|
| 2-(2-Ethoxyethoxy)ethanol | Human | Not classified |
| 2-methylisothiazol-3(2H)-one | Human and animal | Sensitising |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Human and animal | Sensitising |

Photosensitisation

| Name | Species | Value |
|--|------------------|-----------------|
| 2-methylisothiazol-3(2H)-one | Human and animal | Not sensitising |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and | Human | Not sensitising |

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| | | |
|---|------------|--|
| 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | and animal | |
|---|------------|--|

Respiratory Sensitisation

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

Germ Cell Mutagenicity

| Name | Route | Value |
|--|----------|--|
| 2-(2-Ethoxyethoxy)ethanol | In Vitro | Not mutagenic |
| 2-(2-Ethoxyethoxy)ethanol | In vivo | Not mutagenic |
| 2-methylisothiazol-3(2H)-one | In vivo | Not mutagenic |
| 2-methylisothiazol-3(2H)-one | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | In vivo | Not mutagenic |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|--|-----------|---------|------------------|
| 2-methylisothiazol-3(2H)-one | Dermal | Mouse | Not carcinogenic |
| 2-methylisothiazol-3(2H)-one | Ingestion | Rat | Not carcinogenic |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Dermal | Mouse | Not carcinogenic |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Rat | Not carcinogenic |

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test result | Exposure Duration |
|--|------------|--|---------|-----------------------|----------------------|
| 2-(2-Ethoxyethoxy)ethanol | Dermal | Not classified for development | Rat | NOAEL 5,500 mg/kg/day | during organogenesis |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | Not classified for development | Mouse | NOAEL 5,500 mg/kg/day | during organogenesis |
| 2-(2-Ethoxyethoxy)ethanol | Inhalation | Not classified for development | Rat | NOAEL 0.6 mg/l | during organogenesis |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | Not classified for male reproduction | Rat | NOAEL 2,200 mg/kg/day | 2 generation |
| 2-methylisothiazol-3(2H)-one | Ingestion | Not classified for female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| 2-methylisothiazol-3(2H)-one | Ingestion | Not classified for male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| 2-methylisothiazol-3(2H)-one | Ingestion | Not classified for development | Rat | NOAEL 15 mg/kg/day | during organogenesis |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Not classified for female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Not classified for male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Not classified for development | Rat | NOAEL 15 mg/kg/day | during organogenesis |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---|------------|------------------------|--|------------------------|---------------------|-------------------|
| 2-(2-Ethoxyethoxy)ethanol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | NOAEL Not available | |
| 2-methylisothiazol-3(2H)-one | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 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 |
|---------------------------|-----------|---|--|---------|-----------------------|-------------------|
| 2-(2-Ethoxyethoxy)ethanol | Dermal | kidney and/or bladder | Not classified | Rabbit | NOAEL 1,000 mg/kg/day | 12 weeks |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | liver | Some positive data exist, but the data are not sufficient for classification | Pig | NOAEL 167 mg/kg/day | 90 days |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Mouse | NOAEL 2,700 mg/kg/day | 90 days |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | endocrine system | Not classified | Rat | NOAEL 2,500 mg/kg/day | 90 days |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | heart hematopoietic system nervous system | Not classified | Mouse | NOAEL 8,100 mg/kg/day | 90 days |

Aspiration Hazard

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

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

11.2. Information on other hazards

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

| Material | CAS # | Organism | Type | Exposure | Test endpoint | Test result |
|----------|-------|----------|------|----------|---------------|-------------|
|----------|-------|----------|------|----------|---------------|-------------|

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| | | | | | | |
|--|--------------|-------------------|---|----------|------|--------------|
| Poly(methyl methacrylate) | 9011-14-7 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| Modified Silica | Trade Secret | N/A | Data not available or insufficient for classification | N/A | N/A | N/A % weight |
| Proprietary Emulsion Blend 2 | Trade Secret | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| Proprietary Polymer Emulsion 1 | Trade Secret | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Green algae | Estimated | 96 hours | EC50 | >100 mg/l |
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Bacteria | Experimental | 16 hours | EC10 | 4,000 mg/l |
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Channel Catfish | Experimental | 96 hours | LC50 | 6,010 mg/l |
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Water flea | Experimental | 48 hours | LC50 | 1,982 mg/l |
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Green algae | Estimated | 96 hours | NOEC | 100 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Activated sludge | Experimental | 3 hours | NOEC | 0.91 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Bacteria | Experimental | 16 hours | EC50 | 5.7 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Copepod | Experimental | 48 hours | EC50 | 0.007 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Diatom | Experimental | 72 hours | EC50 | 0.0199 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Green algae | Experimental | 72 hours | EC50 | 0.027 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Rainbow trout | Experimental | 96 hours | LC50 | 0.19 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2- | 55965-84-9 | Sheepshead Minnow | Experimental | 96 hours | LC50 | 0.3 mg/l |

| | | | | | | |
|--|------------|------------------|--------------|----------|------|--------------|
| methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | | | | | | |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Water flea | Experimental | 48 hours | EC50 | 0.099 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Diatom | Experimental | 48 hours | NOEC | 0.00049 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Fathead minnow | Experimental | 36 days | NOEL | 0.02 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Green algae | Experimental | 72 hours | NOEC | 0.004 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Water flea | Experimental | 21 days | NOEC | 0.004 mg/l |
| 2-methylisothiazol-3(2H)-one | 2682-20-4 | Activated sludge | Experimental | 3 hours | EC50 | 41 mg/l |
| 2-methylisothiazol-3(2H)-one | 2682-20-4 | Green algae | Experimental | 96 hours | EC50 | 0.23 mg/l |
| 2-methylisothiazol-3(2H)-one | 2682-20-4 | Mysid Shrimp | Experimental | 96 hours | LC50 | 1.81 mg/l |
| 2-methylisothiazol-3(2H)-one | 2682-20-4 | Rainbow trout | Experimental | 96 hours | LC50 | 4.77 mg/l |
| 2-methylisothiazol-3(2H)-one | 2682-20-4 | Water flea | Experimental | 48 hours | EC50 | 0.934 mg/l |
| 2-methylisothiazol-3(2H)-one | 2682-20-4 | Fathead minnow | Experimental | 33 days | NOEC | 2.1 mg/l |
| 2-methylisothiazol-3(2H)-one | 2682-20-4 | Green algae | Experimental | 96 hours | NOEC | 0.12 mg/l |
| 2-methylisothiazol-3(2H)-one | 2682-20-4 | Water flea | Experimental | 21 days | NOEC | 0.044 mg/l |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|--------------------------------|--------------|-----------------------------------|----------|---------------|-------------|----------------------|
| Poly(methyl methacrylate) | 9011-14-7 | Data not available - insufficient | N/A | N/A | N/A | N/A |
| Modified Silica | Trade Secret | Data not available - insufficient | N/A | N/A | N/A | N/A |
| Proprietary Emulsion Blend 2 | Trade Secret | Data not available - insufficient | N/A | N/A | N/A | N/A |
| Proprietary Polymer Emulsion 1 | Trade Secret | Data not available - insufficient | N/A | N/A | N/A | N/A |
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Experimental | 16 days | CO2 evolution | 100 %CO2 | OECD 301B - Modified |

| | | Biodegradation | | | evolution/THC O2 evolution | sturm or CO2 |
|--|------------|-----------------------------|---------|-------------------------------|--|-----------------------------------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Estimated Biodegradation | 29 days | CO2 evolution | 62 %CO2 evolution/THC O2 evolution (does not pass 10-day window) | OECD 301B - Modified sturm or CO2 |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Estimated Photolysis | | Photolytic half-life (in air) | 1.2 days (t 1/2) | |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Experimental Hydrolysis | | Hydrolytic half-life | > 60 days (t 1/2) | |
| 2-methylisothiazol-3(2H)-one | 2682-20-4 | Experimental Biodegradation | 29 days | CO2 evolution | 50 %CO2 evolution/THC O2 evolution | OECD 301B - Modified sturm or CO2 |

12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|--|--------------|---|----------|------------------------|-------------|--------------------------|
| Poly(methyl methacrylate) | 9011-14-7 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Modified Silica | Trade Secret | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Proprietary Emulsion Blend 2 | Trade Secret | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Proprietary Polymer Emulsion 1 | Trade Secret | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Experimental Bioconcentration | | Log Kow | -0.54 | |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Estimated BCF - Fish | 28 days | Bioaccumulation factor | 54 | OECD305-Bioconcentration |
| 2-methylisothiazol-3(2H)-one | 2682-20-4 | Experimental Bioconcentration | | Log Kow | -0.486 | |

12.4. Mobility in soil

| Material | Cas No. | Test type | Study Type | Test result | Protocol |
|---------------------------|----------|--------------------------|------------|-------------|-----------|
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Modeled Mobility in Soil | Koc | 1 l/kg | Episuite™ |

12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

12.6. Endocrine disrupting properties

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. If no other disposal options are available, waste product that has been completely cured or polymerised may be placed in a landfill properly designed for industrial waste. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

EU waste code (product as sold)

080416 Aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15

SECTION 14: Transportation information

Not hazardous for transportation.

| | Ground Transport (ADR) | Air Transport (IATA) | Marine Transport (IMDG) |
|---|--|--|--|
| 14.1 UN number or ID number | No data available. | No data available. | No data available. |
| 14.2 UN proper shipping name | No data available. | No data available. | No data available. |
| 14.3 Transport hazard class(es) | No data available. | No data available. | No data available. |
| 14.4 Packing group | No data available. | No data available. | No data available. |
| 14.5 Environmental hazards | No data available. | No data available. | No data available. |
| 14.6 Special precautions for user | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. |
| 14.7 Marine Transport in bulk according to IMO instruments | No data available. | No data available. | No data available. |

| | | | |
|--------------------------------|--------------------|--------------------|--------------------|
| Control Temperature | No data available. | No data available. | No data available. |
| Emergency Temperature | No data available. | No data available. | No data available. |
| ADR Classification Code | No data available. | No data available. | No data available. |
| IMDG Segregation Code | No data available. | No data available. | No data available. |

Please contact the address or phone number listed on the first page of the SDS for additional information on the transport/shipment of the material by rail (RID) or inland waterways (ADN).

SECTION 15: Regulatory information

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

Carcinogenicity

| <u>Ingredient</u> | <u>CAS Nbr</u> | <u>Classification</u> | <u>Regulation</u> |
|---------------------------|----------------|-------------------------|---|
| Poly(methyl methacrylate) | 9011-14-7 | Gr. 3: Not classifiable | International Agency for Research on Cancer |

Restrictions on the manufacture, placing on the market and use:

The following substance(s) contained in this product is/are subject through Annex XVII of REACH regulation to restrictions on the manufacture, placing on the market and use when present in certain dangerous substances, mixtures and articles. Users of this product are required to comply with the restrictions placed upon it by the aforementioned provision.

| <u>Ingredient</u> | <u>CAS Nbr</u> |
|--|----------------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 |

Restriction status: listed in REACH Annex XVII

Restricted uses: See Annex XVII to Regulation (EC) No 1907/2006 for Conditions of Restriction

Global inventory status

Contact 3M for more information. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

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Seveso hazard categories, Annex 1, Part 1

None

Seveso named dangerous substances, Annex 1, Part 2

| Dangerous Substances | Identifier(s) | Qualifying quantity (tonnes) for the application of | |
|---|---------------|---|-------------------------|
| | | Lower-tier requirements | Upper-tier requirements |
| 2-methylisothiazol-3(2H)-one | 2682-20-4 | 50 | 200 |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2- | 55965-84-9 | 50 | 200 |

| | | | |
|--|--|--|--|
| methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | | | |
|--|--|--|--|

Regulation (EU) No 649/2012

No chemicals listed

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended.

SECTION 16: Other information**List of relevant H statements**

| | |
|--------|---|
| EUH071 | Corrosive to the respiratory tract. |
| H301 | Toxic if swallowed. |
| H310 | Fatal in contact with skin. |
| H311 | Toxic in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H330 | Fatal if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Revision information:

No revision information

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 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. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into the European Union, you are responsible for all regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration.

3M United Kingdom MSDSs are available at www.3M.com/uk