



## Safety Data Sheet

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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

#### 3M Product identification numbers

FN-6000-0107-0      FN-6000-0108-8

#### 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 substance or mixture

**Address:** 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.  
**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

**Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive**

##### Indication of danger

Irritant.  
Sensitising

## Scotchgard(TM) Stone Floor Protector

### 2.2. Label elements

#### Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

##### Symbols

Xi Irritant.

##### Contains:

N-(3-(Trimethoxysilyl)propyl)ethylenediamine

##### Risk phrases

R43 May cause sensitisation by skin contact.

##### Safety phrases

S24 Avoid contact with skin.

S37 Wear suitable gloves.

##### Notes on labelling

The material (salt) is not a distinct stoichiometric chemical substance. While 3M has classified the general material as Xn; R22-36/38, the specific material used in this product falls above the molecular range considered by 3M when setting these classifications and therefore, these classifications do not apply.

### 2.3. Other hazards

None known.

## SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Non Hazardous Ingredients	Mixture		60 - 90	
Polymer	Trade Secret		3 - 7	
Salt	Trade Secret		1 - 5	Xn:R22; Xi:R36-38 (3M) Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319 (3M)
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	EINECS 217-164-6	1 - 5	Xi:R41; R43 (Vendor) Eye Dam. 1, H318; Skin Sens. 1, H317 (Vendor)
Silanetriol, methyl-, potassium salt	31795-24-1	EINECS 250-807-9	0.5 - 1.5	C:R34 (3M) Skin Corr. 1C, H314 (3M)

Please see section 16 for the full text of any R phrases and H statements referred to in this section

Please refer to section 15 for the any applicable Notas that have been applied to the above components

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

#### Eye contact

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. 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.

#### Inhalation

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

#### If swallowed

No need for first aid is anticipated.

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

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

Material will not burn.

### 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

### 5.3. Advice for fire-fighters

No unusual fire or explosion hazards are anticipated.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. 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

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. Collect as much of the spilled material as possible. Seal the container. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Clean up residue with detergent and water.

### 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 eye contact. For industrial or professional use only. Avoid breathing 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.

### **7.2. Conditions for safe storage including any incompatibilities**

Store away from acids.

### **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.

### **8.2. Exposure controls**

#### **8.2.1. Engineering controls**

#### **8.2.2. Personal protective equipment (PPE)**

##### **Eye/face protection**

Wear eye/face protection.

The following eye protection(s) are recommended: Indirect vented goggles.

##### **Skin/hand protection**

Wear protective gloves. Skin protection is not required.

Gloves made from the following material(s) are recommended: Butyl rubber.

Neoprene.

Nitrile rubber.

The following protective clothing material(s) are recommended: Neoprene boots.

Neoprene apron.

##### **Respiratory protection**

None required.

## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

**Physical state**

Liquid.

## Scotchgard(TM) Stone Floor Protector

Appearance/Odour	White; Slight ammonia odour.
pH	11.0
Boiling point/boiling range	± 100 °C
Melting point	<i>Not applicable.</i>
Flammability (solid, gas)	Not classified
Explosive properties	Not classified
Oxidising properties	Not classified
Flash point	No flash point
Flammable Limits(LEL)	<i>Not applicable.</i>
Flammable Limits(UEL)	<i>Not applicable.</i>
Vapour pressure	<i>No data available.</i>
Relative density	± 1 [Ref Std:WATER=1]
Water solubility	Complete
Vapour density	<i>No data available.</i>
Density	± 1 g/cm <sup>3</sup>

**9.2. Other information**

Volatile organic compounds (VOC)	< 1 % weight
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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 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.4 Conditions to avoid

None known.

### 10.5 Incompatible materials

Strong acids.

### 10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
Carbon dioxide.	Not specified.
Carbon monoxide.	Not specified.

## 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:

##### Eye contact

Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

##### Skin contact

Severe skin irritation: Signs/symptoms may include localised redness, swelling, itching, dryness, cracking, blistering, and pain.

##### Inhalation

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

##### Ingestion

May cause target organ effects after ingestion.

#### Toxicological Data

##### Acute Toxicity

Name	Route	Species	Value	UN GHS Classification
Overall product	Ingestion		No test data available; calculated ATE >5000 mg/kg	Not classified (6% unknown)
Polymer			No data available	
Salt	Ingestion	Rat	LD50 757 mg/kg	Category4
N-(3-(Trimethoxysilyl)propyl)ethylene diamine	Dermal	Rabbit	LD50 16480 mg/kg	Not classified
N-(3-(Trimethoxysilyl)propyl)ethylene diamine	Ingestion	Rat	LD50 2400 mg/kg	Category5
Silanetriol, methyl-, potassium salt			No data available	

ATE = acute toxicity estimate

##### Skin Corrosion/Irritation

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to be irritant	Category 2
Polymer		No data available	
Salt		Irritant	Category 2

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N-(3-(Trimethoxysilyl)propyl)ethylenediamine		No data available	
Silanetriol, methyl-, potassium salt		Corrosive	Category 1C

**Serious Eye Damage/Irritation**

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to be severe irritant	Category 2A
Polymer		No data available	
Salt		Severe irritant	Category 2A
N-(3-(Trimethoxysilyl)propyl)ethylenediamine		No data available	
Silanetriol, methyl-, potassium salt		Corrosive	Category 1

**Skin Sensitisation**

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Not classified based on component data
Polymer		No data available	
Salt		No data available	
N-(3-(Trimethoxysilyl)propyl)ethylenediamine		No data available	
Silanetriol, methyl-, potassium salt		No data available	

**Respiratory Sensitisation**

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Not classified based on component data
Polymer		No data available	
Salt		No data available	
N-(3-(Trimethoxysilyl)propyl)ethylenediamine		No data available	
Silanetriol, methyl-, potassium salt		No data available	

**Germ Cell Mutagenicity**

Name	Route	Value	UN GHS Classification
Overall product		No data available	Overall Germ Cell Mutagenicity classification Not classified
Overall product		No test data available.	
Polymer		No data available	
Salt	In Vitro	Some positive data exist, but the data are not sufficient for classification	Not classified
Salt	In vivo	Some positive data exist, but the data are not sufficient for classification	Not classified
N-(3-(Trimethoxysilyl)propyl)ethylenediamine		No data available	

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Silanetriol, methyl-, potassium salt		No data available	

**Carcinogenicity**

Name	Route	Species	Value	UN GHS Classification
Overall product			No test data available.	Not classified based on component data
Polymer			No data available	
Salt			No data available	
N-(3-(Trimethoxysilyl)propyl)ethylene diamine			No data available	
Silanetriol, methyl-, potassium salt			No data available	

**Reproductive Toxicity****Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test result	Exposure Duration	UN GHS Classification
Overall product		No test data available.				Not classified based on component data
Polymer		No data available				
Salt	Ingestion	Some positive reproductive/developmental data exist, but the data are not sufficient for classification		NOAEL N/A		
N-(3-(Trimethoxysilyl)propyl)ethylenediamine		No data available				
Silanetriol, methyl-, potassium salt		No data available				

**Target Organ(s)****Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration	UN GHS Classification
Polymer			No data available				
Salt	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Positive		Not classified
Salt	Ingestion	liver	Some positive data exist, but the data are not sufficient		NOEL N/A		Not classified



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			for classification				
Salt	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		NOAEL N/A		Not classified
N-(3-(Trimethoxy silyl)propyl) ethylenedia mine			No data available				
Silanetriol, methyl-, potassium salt	Inhalation	respirator y irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Positive		Not classified

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration	UN GHS Classification
Overall product			No test data available.				Not classified based on component data
Polymer			No data available				
Salt	Inhalation	respirator y system	All data are negative		NOAEL 0.0019 mg/l		Not classified
Salt	Ingestion	nervous system   kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		NOAEL N/A		Not classified
Salt	Ingestion	immune system	Some positive data exist, but the data are not sufficient for classification		NOEL N/A		Not classified
N-(3-(Trimethoxy silyl)propyl) ethylenedia mine			No data available				
Silanetriol, methyl-, potassium salt			No data available				

**Aspiration Hazard**

Name	Value	UN GHS Classification
Overall product	No test data available.	Not classified based on component and/or viscosity

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		data
Polymer	Not an aspiration hazard	Not classified
Salt	Not an aspiration hazard	Not classified
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	Not an aspiration hazard	Not classified
Silanetriol, methyl-, potassium salt	Not an aspiration hazard	Not classified

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.

**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:**

Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

Material	CAS Nbr	Organism	Type	Exposure	Test endpoint	Test result
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	Green algae	Laboratory	72 hours	EC50	8.8 mg/l
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	Fathead minnow	Laboratory	96 hours	LC50	168 mg/l

**12.2. Persistence and degradability**

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	Biodegradation	28 days	Dissolv. Organic Carbon Deplet	39 % weight	Other methods

**12.3 : Bioaccumulative potential**

No test data available.

#### 12.4. Mobility in soil

Please contact 3M for more details.

#### 12.5. Results of the PBT and vPvB assessment

No information available at this time, contact 3M for more details

#### 12.6. 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

As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

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)

- |           |   |
|-----------|---|
| 08 04 15* | Aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances |
| 20 01 29* | Detergents containing dangerous substances  |

## SECTION 14: Transportation information

FN-6000-0107-0, FN-6000-0108-8

Not hazardous for transportation

## SECTION 15: Regulatory information

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

#### Global inventory status

Contact 3M for more information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. The components of this product are in compliance with the chemical notification requirements of TSCA.

## 15.2. Chemical Safety Assessment

Not applicable

## SECTION 16: Other information

### List of relevant H statements

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

### List of relevant R-phrases

R22	Harmful if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.

### Revision information:

Revision Changes:

Section 3: Composition/ Information of ingredients table was modified.

Section 1: Initial issue message was modified.

Aspiration Hazard Table was modified.

Section 11: Acute Toxicity table was modified.

Carcinogenicity Table was modified.

Serious Eye Damage/Irritation Table was modified.

Germ Cell Mutagenicity Table was modified.

Skin Sensitisation Table was modified.

Respiratory Sensitisation Table was modified.

Reproductive Toxicity Table was modified.

Skin Corrosion/Irritation Table was modified.

Target Organs - Repeated Table was modified.

Target Organs - Single Table was modified.

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