



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

Scotchgard™ Protect & Shine Floor Protector

#### Product Identification Numbers

75-0400-7400-9, 75-0400-7401-7  
7100227789, 7100227791

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Coating

#### 1.3. Supplier's details

<b>MANUFACTURER:</b>	3M
<b>DIVISION:</b>	Commercial Branding and Transportation Division
<b>ADDRESS:</b>	3M Center, St. Paul, MN 55144-1000, USA
<b>Telephone:</b>	1-888-3M HELPS (1-888-364-3577)

#### 1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

### SECTION 2: Hazard identification

#### 2.1. Hazard classification

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### 2.2. Label elements

##### Signal word

Not applicable.

##### Symbols

Not applicable.

##### Pictograms

Not applicable.

27% of the mixture consists of ingredients of unknown acute oral toxicity.

**SECTION 3: Composition/information on ingredients**

<b>Ingredient</b>	<b>C.A.S. No.</b>	<b>% by Wt</b>
Water	7732-18-5	65 - 80 Trade Secret *
Polymer Emulsion	Trade Secret*	9 - 22 Trade Secret *
Nanoscale Stabilizer	Trade Secret*	1 - 10 Trade Secret *
Ethoxydiglycol	111-90-0	< 5 Trade Secret *
Benzoate Esters	Trade Secret*	< 1 Trade Secret *
Glycol Ether containing Carboxylic Metal Salt	Trade Secret*	< 1 Trade Secret *
Dipropylene Glycol Methyl Ether	34590-94-8	< 0.5 Trade Secret *
Alkoxy Glycol Ether	Trade Secret*	< 0.5 Trade Secret *
Alkyl Silyl containing Carboxylic Metal Salt	Trade Secret*	< 0.5 Trade Secret *
Glycol Ether modified Polydimethylsiloxane	Trade Secret*	< 0.5 Trade Secret *
Siloxane-based Defoamer	Trade Secret*	< 0.01 Trade Secret *
Methylchloroisothiazolinone	26172-55-4	< 0.001 Trade Secret *
Methylisothiazolinone	2682-20-4	< 0.0005 Trade Secret *

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

**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:**

If exposed, wash with soap and water. If signs/symptoms develop, get medical attention.

**Eye Contact:**

If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, 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**

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. Suitable extinguishing media**

Use a fire fighting agent suitable for the surrounding fire.

**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

**5.3. Special protective actions for fire-fighters**

No special protective actions for fire-fighters are anticipated.

**SECTION 6: Accidental release measures**

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

Evacuate area. Ventilate the area with fresh air. Observe precautions from other sections.

**6.2. Environmental precautions**

Avoid release to the environment.

**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 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. Avoid breathing dust/fume/gas/mist/vapors/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.

**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	C.A.S. No.	Agency	Limit type	Additional Comments
Ethoxydiglycol	111-90-0	AIHA	TWA:140 mg/m3(25 ppm)	
Dipropylene Glycol Methyl Ether	34590-94-8	ACGIH	TWA:50 ppm	
Dipropylene Glycol Methyl Ether	34590-94-8	OSHA	TWA:600 mg/m3(100 ppm)	SKIN

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

**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/vapors/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 vapors and particulates

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

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Appearance****Physical state**

Liquid

**Color**

Milky White

**Odor**

Moderate Acrylic

**Odor threshold***No Data Available***pH**

7.5 - 8.5

**Melting point***Not Applicable***Boiling Point**

&gt; 212 °F

**Flash Point**

No flash point

**Evaporation rate***No Data Available***Flammability (solid, gas)**

Not Applicable

**Flammable Limits(LEL)***Not Applicable***Flammable Limits(UEL)***Not Applicable***Vapor Pressure**<=17.5 mmHg [*@ 68 °F*]**Vapor Density***No Data Available***Density**Approximately g/ml [*Ref Std: WATER=1*]**Specific Gravity**Approximately 1 [*Ref Std: WATER=1*]**Solubility in Water**

Complete

**Solubility- non-water***No Data Available***Partition coefficient: n-octanol/ water***No Data Available***Autoignition temperature***No Data Available***Decomposition temperature***No Data Available***Viscosity**

&lt;=10 centipoise

**Molecular weight***Not Applicable***Volatile Organic Compounds**< 0.5 % weight [*Test Method:calculated per CARB title 2*]**Percent volatile***No Data Available***VOC Less H2O & Exempt Solvents**140 - 160 g/l [*Test Method:calculated per CARB title 2*]**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 polymerization 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 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 labeling, 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:**

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 diarrhea.

**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
Ethoxydiglycol	Dermal	Rabbit	LD50 9,143 mg/kg
Ethoxydiglycol	Ingestion	Rat	LD50 5,400 mg/kg
Glycol Ether containing Carboxylic Metal Salt	Dermal	similar compounds	LD50 > 2,000 mg/kg
Glycol Ether containing Carboxylic Metal Salt	Inhalation-	similar	LC50 2.3 mg/l

	Dust/Mist (4 hours)	compounds	
Glycol Ether containing Carboxylic Metal Salt	Ingestion	similar compounds	LD50 > 5,000 mg/kg
Alkyl Silyl containing Carboxylic Metal Salt	Dermal	similar compounds	LD50 > 2,000 mg/kg
Alkyl Silyl containing Carboxylic Metal Salt	Inhalation-Dust/Mist (4 hours)	similar compounds	LC50 2.3 mg/l
Alkyl Silyl containing Carboxylic Metal Salt	Ingestion	similar compounds	LD50 > 5,000 mg/kg
Dipropylene Glycol Methyl Ether	Dermal	Rabbit	LD50 > 19,000 mg/kg
Dipropylene Glycol Methyl Ether	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 50 mg/l
Dipropylene Glycol Methyl Ether	Ingestion	Rat	LD50 5,180 mg/kg
Siloxane-based Defoamer	Dermal	Rabbit	LD50 > 19,400 mg/kg
Siloxane-based Defoamer	Ingestion	Rat	LD50 > 17,000 mg/kg
Methylchloroisothiazolinone	Dermal	Rabbit	LD50 87 mg/kg
Methylchloroisothiazolinone	Inhalation-Dust/Mist (4 hours)	Rat	LC50 0.171 mg/l
Methylchloroisothiazolinone	Ingestion	Rat	LD50 40 mg/kg
Methylisothiazolinone	Dermal	Rabbit	LD50 87 mg/kg
Methylisothiazolinone	Inhalation-Dust/Mist (4 hours)	Rat	LC50 0.171 mg/l
Methylisothiazolinone	Ingestion	Rat	LD50 40 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
Ethoxydiglycol	Rabbit	No significant irritation
Dipropylene Glycol Methyl Ether	Human and animal	No significant irritation
Siloxane-based Defoamer	Rabbit	No significant irritation
Methylchloroisothiazolinone	Rabbit	Corrosive
Methylisothiazolinone	Rabbit	Corrosive

**Serious Eye Damage/Irritation**

Name	Species	Value
Ethoxydiglycol	Rabbit	Moderate irritant
Dipropylene Glycol Methyl Ether	Rabbit	Mild irritant
Siloxane-based Defoamer	Rabbit	No significant irritation
Methylchloroisothiazolinone	Rabbit	Corrosive
Methylisothiazolinone	Rabbit	Corrosive

**Skin Sensitization**

Name	Species	Value
Ethoxydiglycol	Human	Not classified
Dipropylene Glycol Methyl Ether	Human	Not classified
Methylchloroisothiazolinone	Human and animal	Sensitizing
Methylisothiazolinone	Human and animal	Sensitizing

**Photosensitization**

Name	Species	Value
Methylchloroisothiazolinone	Human and animal	Not sensitizing
Methylisothiazolinone	Human and animal	Not sensitizing

**Respiratory Sensitization**

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

**Germ Cell Mutagenicity**

Name	Route	Value
Ethoxydiglycol	In Vitro	Not mutagenic
Ethoxydiglycol	In vivo	Not mutagenic
Dipropylene Glycol Methyl Ether	In Vitro	Not mutagenic
Methylchloroisothiazolinone	In vivo	Not mutagenic
Methylchloroisothiazolinone	In Vitro	Some positive data exist, but the data are not sufficient for classification
Methylisothiazolinone	In vivo	Not mutagenic
Methylisothiazolinone	In Vitro	Some positive data exist, but the data are not sufficient for classification

**Carcinogenicity**

Name	Route	Species	Value
Methylchloroisothiazolinone	Dermal	Mouse	Not carcinogenic
Methylchloroisothiazolinone	Ingestion	Rat	Not carcinogenic
Methylisothiazolinone	Dermal	Mouse	Not carcinogenic
Methylisothiazolinone	Ingestion	Rat	Not carcinogenic

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test Result	Exposure Duration
Ethoxydiglycol	Dermal	Not classified for development	Rat	NOAEL 5,500 mg/kg/day	during organogenesis
Ethoxydiglycol	Ingestion	Not classified for development	Mouse	NOAEL 5,500 mg/kg/day	during organogenesis
Ethoxydiglycol	Inhalation	Not classified for development	Rat	NOAEL 0.6 mg/l	during organogenesis
Ethoxydiglycol	Ingestion	Not classified for male reproduction	Rat	NOAEL 2,200 mg/kg/day	2 generation
Dipropylene Glycol Methyl Ether	Inhalation	Not classified for development	Multiple animal species	NOAEL 1.82 mg/l	during organogenesis
Methylchloroisothiazolinone	Ingestion	Not classified for female reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
Methylchloroisothiazolinone	Ingestion	Not classified for male reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
Methylchloroisothiazolinone	Ingestion	Not classified for development	Rat	NOAEL 15 mg/kg/day	during organogenesis
Methylisothiazolinone	Ingestion	Not classified for female reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
Methylisothiazolinone	Ingestion	Not classified for male reproduction	Rat	NOAEL 10 mg/kg/day	2 generation

Methylisothiazolinone	Ingestion	Not classified for development	Rat	NOAEL 15 mg/kg/day	during organogenesis
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**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Ethoxydiglycol	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
Dipropylene Glycol Methyl Ether	Dermal	central nervous system depression	Not classified	Rabbit	NOAEL 2,850 mg/kg	
Dipropylene Glycol Methyl Ether	Inhalation	central nervous system depression	Not classified	Rat	LOAEL 3.07 mg/l	7 hours
Dipropylene Glycol Methyl Ether	Ingestion	central nervous system depression	Not classified	Rat	LOAEL 5,000 mg/kg	
Methylchloroisothiazolinone	Inhalation	respiratory irritation	May cause respiratory irritation	similar health hazards	NOAEL Not available	
Methylisothiazolinone	Inhalation	respiratory irritation	May cause respiratory irritation	similar health hazards	NOAEL Not available	

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Ethoxydiglycol	Dermal	kidney and/or bladder	Not classified	Rabbit	NOAEL 1,000 mg/kg/day	12 weeks
Ethoxydiglycol	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification	Pig	NOAEL 167 mg/kg/day	90 days
Ethoxydiglycol	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
Ethoxydiglycol	Ingestion	endocrine system	Not classified	Rat	NOAEL 2,500 mg/kg/day	90 days
Ethoxydiglycol	Ingestion	heart   hematopoietic system   nervous system	Not classified	Mouse	NOAEL 8,100 mg/kg/day	90 days
Dipropylene Glycol Methyl Ether	Dermal	kidney and/or bladder   heart   endocrine system   hematopoietic system   liver   respiratory system	Not classified	Rabbit	NOAEL 9,500 mg/kg/day	90 days
Dipropylene Glycol Methyl Ether	Inhalation	heart   hematopoietic system   liver   immune system   nervous system   eyes   kidney and/or bladder	Not classified	Rat	NOAEL 1.21 mg/l	90 days
Dipropylene Glycol Methyl Ether	Ingestion	liver   heart   endocrine system   bone, teeth, nails, and/or hair   hematopoietic system   immune system   nervous system   kidney and/or bladder	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days



		respiratory system				
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**Aspiration Hazard**  
 For the component/components, either no data are currently available or the data are 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.

**SECTION 12: Ecological information**

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

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

**SECTION 13: Disposal considerations**

**13.1. Disposal methods**  
 Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. 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. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

**EPA Hazardous Waste Number (RCRA):** Not regulated

**SECTION 14: Transport Information**

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

**SECTION 15: Regulatory information**

**15.1. US Federal Regulations**  
 Contact 3M for more information.

**EPCRA 311/312 Hazard Classifications:**

<b>Physical Hazards</b>
Not applicable

<b>Health Hazards</b>
Not applicable

**Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):**

<u>Ingredient</u>	<u>C.A.S. No</u>	<u>% by Wt</u>
Ethoxydiglycol (CAS NO SEQ548L1)	111-90-0	Trade Secret < 5
Ethoxydiglycol (GLYCOL ETHERS)	111-90-0	Trade Secret < 5

This material contains a chemical which requires export notification under TSCA Section 12[b]:

<u>Ingredient (Category if applicable)</u>	<u>C.A.S. No</u>	<u>Regulation</u>	<u>Status</u>
Methylchloroisothiazolinone	26172-55-4	Toxic Substances Control Act (TSCA) 5 SNUR or Consent Order Chemicals	Proposed
Methylisothiazolinone	2682-20-4	Toxic Substances Control Act (TSCA) 5 SNUR or Consent Order Chemicals	Proposed

This material contains a chemical subject to a proposed EPA Significant New Use Rule (TSCA Section 5)

<u>Ingredient (Category if applicable)</u>	<u>C.A.S. No</u>	<u>Reference</u>
Methylchloroisothiazolinone	26172-55-4	62 FR 34421
Methylisothiazolinone	2682-20-4	62 FR 34421

## 15.2. State Regulations

Contact 3M for more information.

## 15.3. Chemical Inventories

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.

Contact 3M for more information.

## 15.4. International Regulations

Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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## SECTION 16: Other information

### NFPA Hazard Classification

**Health:** 1 **Flammability:** 1 **Instability:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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