



Safety Data Sheet

Copyright, 2024, 3M Company.

All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

Document Group:	40-5574-5	Version Number:	2.00
Issue Date:	10/09/2024	Supersedes Date:	06/07/2023

This Safety Data Sheet has been prepared in accordance with the DENR Administrative Order No. 2015-09 Rules and Procedures for the Implementation of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Preparation of Safety Data Sheet (SDS) and Labelling Requirements of Toxic Chemical Substances.

SECTION 1: Identification

1.1. Product identifier

Scotchgard™ Protect & Shine Floor Protector

Product Identification Numbers

75-0400-7400-9

1.2. Recommended use and restrictions on use

Recommended use

Coating

For Industrial or Professional use only

1.3. Supplier's details

ADDRESS: 3M Philippines, 10th and 11th Floor, The Finance Center, 26th Street Corner 9th Avenue Bonifacio Global City, Taguig City, 1634 Philippines
Telephone: +632 827 11680
E Mail: mcvallalva@mmm.com
Website: www.3m.com/ph

1.4. Emergency telephone number

+632 827 11680

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

This product is not classified as a hazardous substance as implemented by the Philippines Department of Labor and Employment "Guidelines for the Implementation of the Globally Harmonized System (GHS) in Chemical Safety Program in the Workplace."

2.2. Label elements

Signal word

Not applicable.

Symbols

Not applicable

Pictograms

Not applicable

2.3. Other hazards

None known

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	C.A.S. No.	% by Wt
Water	7732-18-5	65 - 80
Polymer Emulsion	Trade Secret	9 - 22
Nanoscale Stabilizer	Trade Secret	1 - 10
Ethoxydiglycol	111-90-0	< 5

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/m ³ (25 ppm)	

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

Philippines OELs : Philippines. Threshold Limit Values for Airborne Contaminants

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**

Physical state	Liquid
Color	Milky White
Odor	Moderate Acrylic
Odor threshold	<i>No Data Available</i>
pH	7.5 - 8.5
Melting point/Freezing point	<i>Not Applicable</i>
Boiling point/Initial boiling point/Boiling range	> 100 °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>
Vapor Pressure	$\leq 2,333.1$ Pa [<i>@ 20 °C</i>]
Vapor Density and/or Relative Vapor Density	<i>No Data Available</i>
Density	Approximately [<i>Ref Std: WATER=1</i>]
Relative Density	Approximately 1 [<i>Ref Std: WATER=1</i>]
Water solubility	Complete
Solubility- non-water	<i>No Data Available</i>
Partition coefficient: n-octanol/ water	<i>No Data Available</i>
Autoignition temperature	<i>No Data Available</i>
Decomposition temperature	<i>No Data Available</i>
Kinematic Viscosity	<i>No Data Available</i>
Volatile Organic Compounds	< 0.5 % weight [<i>Test Method: calculated per CARB title 2</i>]
Percent volatile	<i>No Data Available</i>
VOC Less H2O & Exempt Solvents	140 - 160 g/l [<i>Test Method: calculated per CARB title 2</i>]
Molecular weight	<i>Not Applicable</i>

Particle Characteristics	<i>Not Applicable</i>
---------------------------------	-----------------------

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

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Ethoxydiglycol	Rabbit	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
Ethoxydiglycol	Rabbit	Moderate irritant

Sensitization:

Skin Sensitization

Name	Species	Value
Ethoxydiglycol	Human	Not classified

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

Carcinogenicity

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

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

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	

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	Some positive data exist, but the	Mouse	NOAEL	90 days

		bladder	data are not sufficient for classification		2,700 mg/kg/day	
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

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

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 labeling, 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 #	Organism	Type	Exposure	Test Endpoint	Test Result
Nanoscale Stabilizer	Trade Secret	N/A	Data not available or insufficient for classification	N/A	N/A	N/A % weight
Ethoxydiglycol	111-90-0	Channel Catfish	Experimental	96 hours	LC50	6,010 mg/l
Ethoxydiglycol	111-90-0	Green algae	Experimental	72 hours	ErC50	14,861 mg/l
Ethoxydiglycol	111-90-0	Tidewater Silverside	Experimental	96 hours	LC50	>10,000 mg/l
Ethoxydiglycol	111-90-0	Water flea	Experimental	48 hours	LC50	1,982 mg/l
Ethoxydiglycol	111-90-0	Green algae	Analogous Compound	96 hours	NOEC	100 mg/l
Ethoxydiglycol	111-90-0	Bacteria	Experimental	16 hours	EC10	4,000 mg/l

12.2. Persistence and degradability

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Nanoscale Stabilizer	Trade Secret	Data not availbl-insufficient	N/A	N/A	N/A	N/A
Ethoxydiglycol	111-90-0	Experimental Biodegradation	16 days	Carbon dioxide evolution	100 %CO2 evolution/THCO2 evolution	OECD 301B - Mod. Sturm or CO2
Ethoxydiglycol	111-90-0	Experimental Aquatic Inherent	5.5 days	Percent degraded	>90 %degraded	OECD 302B Zahn-Wellens/EVPA

		Biodegrad.				
Ethoxydiglycol	111-90-0	Experimental Photolysis		Photolytic half-life (in air)	6.7 hours (t 1/2)	

12.3. Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Nanoscale Stabilizer	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Ethoxydiglycol	111-90-0	Experimental Bioconcentration		Log of Octanol/H2O part. coeff	-0.54	

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.

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.

SECTION 14: Transport Information

Not hazardous for transportation.

Marine Transport (IMDG)

UN Number:None assigned.

Proper Shipping Name:None assigned.

Technical Name:None assigned.

Hazard Class/Division:None assigned.

Subsidiary Risk:None assigned.

Packing Group:None assigned.

Limited Quantity:None assigned.

Marine Pollutant: None assigned.

Marine Pollutant Technical Name: None assigned.

Other Dangerous Goods Descriptions:

None assigned.

Air Transport (IATA)

UN Number:None assigned.

Proper Shipping Name:None assigned.

Technical Name:None assigned.

Hazard Class/Division:None assigned.

Subsidiary Risk:None assigned.

Packing Group:None assigned.

Limited Quantity:None assigned.

Marine Pollutant: None assigned.

Marine Pollutant Technical Name: None assigned.

Other Dangerous Goods Descriptions:

None assigned.

Transportation classifications are provided as a customer service. As for shipping, YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M's transportation classifications are based on product formulation, packaging, 3M policies and 3M's understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling or marking requirements. The above information is only for reference. If you are shipping by air or ocean, YOU are advised to check & meet applicable regulatory requirements.

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 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.

SECTION 16: Other information

Revision information:

Section 01: Product identification numbers information was added.

Section 02: PH Precautionary - Prevention information was deleted.

Section 03: Ingredient table information was modified.

Section 03: Material is a mixture standard phrase information was added.

Section 08: Occupational exposure limit table information was modified.

Section 09: Flammability (solid, gas) information information was deleted.

Section 09: Flammability information information was added.

Section 09: Kinematic Viscosity information information was added.

Section 09: Odor information was modified.

Section 09: Particle Characteristics N/A information was added.

Section 09: Viscosity information was deleted.

Section 11: Acute Toxicity table information was modified.

Section 11: Carcinogenicity Table information was deleted.

Section 11: Carcinogenicity text information was added.

Section 11: Germ Cell Mutagenicity Table information was modified.

Section 11: Photosensitization Table information was deleted.

Section 11: Reproductive Toxicity Table information was modified.

Section 11: Serious Eye Damage/Irritation Table information was modified.

Section 11: Skin Corrosion/Irritation Table information was modified.

Section 11: Skin Sensitization Table information was modified.

Section 11: Target Organs - Repeated Table information was modified.

Section 11: Target Organs - Single Table information was modified.

Section 12: Component ecotoxicity information information was modified.

Section 12: Persistence and Degradability information information was modified.

Section 12:Biocumulative potential information information was modified.

Section 13: Standard Phrase Category Waste GHS information was modified.

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.

3M Philippines SDSs are available at www.3m.com/ph