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MATERIAL SAFETY DATA SHEET

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This MSDS has been prepared by 3M Australia Pty Ltd Toxicology Dept.

1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
Scotchgard(TM) Resilient Floor Protector

DIVISION
ND - Building & Commercial Services Division

3M Product ID
70-0715-9516-2

RECOMMENDED USE: Hard Floor Maintenance. For industrial or professional use only.

2 HAZARDS IDENTIFICATION

NOTE: NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

POISONS SCHEDULE
This product has not been assessed for poisons scheduling as the product is intended for industrial and professional use only.

Symbols
N (Dangerous to Environment)

Risk Codes and Phrases
R51/53 Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Safety Codes and Phrases
S29 Do not empty into drains.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

3 COMPOSITION

Ingredient Name	CAS number	Percentage
WATER	7732-18-5	60 - 90
AQUEOUS POLYMER EMULSION	---	10 - 30
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0	3 - 7
TRI (BUTOXYETHYL) PHOSPHATE	78-51-3	1 - 5

POLYMER EMULSION	---	0.5 - 1.5
ZINC AMMONIA CARBONATE COMPLEX	38714-47-5	0.433344 - 0.433344
N,N-DIMETHYLETHANOLAMINE	108-01-0	0.21 - 0.315
ETHOXYLATED C12-C15 ALCOHOLS	68131-39-5	0.0121 - 0.121
AMMONIA	7664-41-7	0.008032 - 0.008032
3 (2H)-ISOTHIAZOLONE, 5-CHLORO-2-METHYL-	55965-84-9	0.0002 - 0.0005
MIXT. WITH 2-METHYL-3-(2H)-ISOTHIAZOLONE		
5-CHLORO-2-METHYL-4-ISOTHIAZOLINE-3-ONE	26172-55-4	0.000288 - 0.000288

4 FIRST AID MEASURES

EYE CONTACT

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

SKIN CONTACT

Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

INHALATION

If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, get medical attention.

IF SWALLOWED

Do not induce vomiting unless instructed to do so by medical personnel. Give person two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

5 FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Non combustible. Choose material suitable for surrounding fire.

FIRE FIGHTING PROCEDURES

Wear full protective equipment (Turnout Gear) and a self-contained breathing apparatus (SCBA).

Combustion Products from Fire

Combustion Products from Fire are listed in Section 10, STABILITY AND REACTIVITY.

Unusual Reaction Hazard

None

Special Instructions for Fire Fighting

Not applicable.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate area with fresh air. For large spills, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good occupational hygiene practice. Warning! A motor

could be an ignition source and could cause flammable gases or

vapours in the spill area to burn or explode.

Environmental Procedures

For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

Methods for cleaning up

Observe precautions from other sections. Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inert absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with water.

7 HANDLING AND STORAGE

Incompatibility - Materials to Avoid

Store away from heat. Store out of direct sunlight.

Precautions for Safe Handling

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Avoid breathing vapours, mists or spray. Avoid eye contact with vapours, mists or spray. Avoid breathing vapours created during the cure cycle.

Conditions for Safe Storage

Store away from areas where product may come into contact with food or pharmaceuticals.

Ventilation

Keep container in well ventilated area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

AMMONIA (7664-41-7)

NATIONAL EXPOSURE STANDARDS: TWA: 25ppm, 17 mg/m³. STEL: 35ppm, 24 mg/m³.

Special Information, Exposure/Protection

The extent to which the following recommendations for exposure control and protection are observed should depend on the risk assessment undertaken for the specific conditions under which this product is used, including occupational hygiene measurements.

Eye Protection

Select and use eye protection in accordance with AS/NZS 1336. Eye protection should comply with the performance specifications of AS/NZS 1337.
Avoid eye contact with vapours, mists or spray.
The following should be worn alone or in combination, as appropriate, to prevent eye contact: Safety glasses with side shields. Indirect Vented goggles.

Hand Protection

The following glove material(s) are recommended: Neoprene; Polymer laminate.

Skin Protection

Avoid skin contact.

Respiratory Protection

Avoid breathing vapours, mists or spray. Avoid breathing vapours created during the cure cycle. Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

Prevention of Accidental Ingestion

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Not applicable. Keep out of the reach of children.

Recommended Ventilation

Use in a well ventilated area.

9 PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odour	White liquid with acrylic odour.
pH	7.4 - 8.4
Boiling point	> 35.0 C
Melting point	Not applicable
Flash point	Not determined
Autoignition temperature	Not determined
Vapour pressure	CONDITIONS: @ 55.0 C < 27 psia
Water Solubility	Complete DETAILS: Dispersible
Specific gravity	Approx. 1 (Water=1)
Vapour density	Not determined
Volatile organic compounds (VOC) content	< 1 % by wt
Flammable Limits - LEL	Not determined
Flammable Limits - UEL	Not determined

10 STABILITY AND REACTIVITY

Materials to Avoid

None known.

Conditions to Avoid

Heat.

Hazardous Decomposition Products

Carbon Monoxide. Carbon Dioxide.

Stability

Hazardous polymerisation will not occur. Stable. This material may be reactive with certain agents under certain conditions - see the other headings in this section.

11 TOXICOLOGICAL INFORMATION

Effects from Eye Contact

Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing. Vapours released during curing may cause eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Effects from Skin Contact

Mild Skin Irritation: Signs/symptoms may include localised redness, swelling, and itching.

Effects from Inhalation

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Vapours released during curing may cause irritation of the respiratory system: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Effects from Ingestion

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May be absorbed following ingestion and cause target organ effects.

Other Toxicological Information

Prolonged or repeated exposure may cause: Liver Effects: Signs/symptoms may include loss of appetite, weight loss, fatigue, weakness, abdominal tenderness and jaundice. Kidney/Bladder Effects: Signs/symptoms may include changes in urine production, abdominal or lower back pain, increased protein in urine, increased blood urea nitrogen (BUN), blood in urine, and painful urination.

12 ECOLOGICAL INFORMATION

Ecotoxicity Data
Not determined.

Ecofate Data
Not determined.

13 DISPOSAL CONSIDERATIONS

Product as Sold

Dispose of waste product in a facility permitted to accept chemical waste. As a disposal alternative, incinerate in an industrial or commercial facility in the presence of a combustible material.

14 TRANSPORT INFORMATION

ADG (Road/Rail)

UN NUMBER	NONE ALLOCATED
PROPER SHIPPING NAME	NONE ALLOCATED
DANGEROUS GOODS CLASS	NONE ALLOCATED

SUBSIDIARY RISK	NONE ALLOCATED
PACKING GROUP	NONE ALLOCATED

IATA (Airfreight)

UN NUMBER	NONE ALLOCATED
PROPER SHIPPING NAME	NONE ALLOCATED
DANGEROUS GOODS CLASS	NONE ALLOCATED
SUBSIDIARY RISK	NONE ALLOCATED
PACKING GROUP	NONE ALLOCATED

IMDG (Seafreight)

UN NUMBER	NONE ALLOCATED
PROPER SHIPPING NAME	NONE ALLOCATED
DANGEROUS GOODS CLASS	NONE ALLOCATED
SUBSIDIARY RISK	NONE ALLOCATED
PACKING GROUP	NONE ALLOCATED

15 REGULATORY INFORMATION

Product Certifications

One or more components in this product is being imported under a
NICNAS Low Volume Exemption.

16 OTHER INFORMATION

REASON FOR REISSUE
Initial Issue.

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