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MATERIAL SAFETY DATA SHEET

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

- 1.1 Tradename:
3M Scotchgard Carpet Protector Concentrate
- 1.2 Intended Use of Product:
Carpet protector.
- 1.3 3M Product ID:
70-0713-6199-5
- 1.4 Contact Address:
3M UK PLC 3M Ireland
3M Centre, Cain Road, 3M House, Adelphi Centre,
Bracknell, Berkshire, RG12 8HT Dun Laoghaire, Co. Dublin
- 1.5 E-mail Address and Emergency Contact Number:
tox.uk@mmm.com
+44 (0)1344 858 000

2 HAZARDS IDENTIFICATION

Risk Phrases:
None.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient name and classification | CAS number | Percentage |
|------------------------------------|--------------|------------|
| Water | 7732-18-5 | > 90 |
| EU Number: EINECS 231-791-2 | | |
| Fluorochemical urethane | Trade Secret | 1 - 5 |
| Urethane Hybrid Polymer | Trade Secret | 1 - 3 |
| Modified Dimethyl Siloxane | Trade Secret | < 1 |

4 FIRST-AID MEASURES

- 4.1 Eye Contact:
Flush eyes with large amounts of water. If signs/symptoms persist,
get medical attention.
- 4.2 Skin Contact:
Wash affected area with soap and water. If signs/symptoms develop,
get medical attention.
- 4.3 Inhalation:

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

4.4 Ingestion:

No need for first aid is anticipated.

5 FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media:

Non-combustible. Choose material suitable for surrounding fire.

5.2 Unsuitable Extinguishing Media:

Not specified.

5.3 Exposure Hazards:

Not determined.

5.4 Combustion Products from Fire:

Not determined.

5.5 Fire-Fighting Procedures:

Wear full protective equipment and a self-contained breathing apparatus.

5.6 Special Instructions:

Not applicable.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions:

Please observe precautions from other sections of this MSDS.

6.2 Methods for Cleaning up:

Ventilate the area with fresh air.

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

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.

Clean up residue with detergent and water.

Collect the resulting residue containing solution.

Place in a closed container approved for transportation by appropriate authorities.

Dispose of collected material as soon as possible.

7 HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Avoid eye contact with vapours, mists, or spray.

7.2 Precautions for Safe Storage:

Store under normal warehouse conditions.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Recommended Ventilation:
Use in a well-ventilated area.

8.2 Exposure Limits:
None of the substances in the section 3 ingredient list are listed in the EH40 Exposure Limit Inventory.

8.3 Exposure Controls:

8.3.1 Eye Protection:
As a good industrial hygiene practice: 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.

8.3.2 Hand Protection:
Gloves are not required.

8.3.3 Skin Protection:
Not specified.

8.3.4 Respiratory Protection:
Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

8.3.5 Ingestion:
Keep out of the reach of children.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------|---------------------------------|
| - Appearance and Odour: | Liquid with a floral fragrance. |
| - pH: | 5.5 - 6.5 |
| - Boiling point/boiling range: | 100.0 0C |
| - Melting point/melting range: | Not applicable |
| - Flash point: | Not applicable |
| - Autoflammability: | Not applicable |
| - Flammable Limits - LEL: | Not applicable |
| - Flammable Limits - UEL: | Not applicable |
| - Vapour pressure: | 2333 Pa (at 20 :C) |
| - Water Solubility: | Complete |
| - Specific gravity: | 1.1 (Water=1) |
| - Vapour density: | Not determined |
| - Viscosity: | 5 - 15 mPa.s |
| - Percent Volatile: | 85 % |

10 STABILITY AND REACTIVITY

- 10.1 Stability and Reactivity:
Stable. Hazardous polymerisation will not occur.
- 10.2 Conditions to Avoid:
None known.
- 10.3 Materials to Avoid:
None known.
- 10.4 Hazardous Decomposition:
Carbon monoxide - During Combustion.
Carbon dioxide - During Combustion.
Hydrogen fluoride - During Combustion.

11 TOXICOLOGICAL INFORMATION

- 11.1 Effects from Eye Contact:
Contact with the eyes during product use is not expected to result in significant irritation.
- 11.2 Effects from Skin Contact:
Contact with the skin during product use is not expected to result in significant irritation.
- 11.3 Effects from Inhalation:
If thermal decomposition occurs:
- May be harmful if inhaled.
- 11.4 Effects from Ingestion:
No health effects are expected.
- 11.5 Other Effects and Information:
- Hydrogen fluoride has an ACGIH Threshold Limit Value of 3 parts per million (as fluoride) as a Ceiling Limit and an OSHA PEL of 3 ppm of fluoride as an eight hour Time-Weighted Average and 6 ppm of fluoride as a Short Term Exposure Limit. The odour threshold for HF is 0.04 ppm, providing good warning properties for exposure.

12 ECOLOGICAL INFORMATION

- 12.1 Environmental Data:
Not determined.
- 12.2 Mobility in Soil and Water:
Not determined.
- 12.3 Persistence/Biodegradability:
Not determined.
- 12.4 Bioaccumulation Potential:
Not determined.
- 12.5 Ecotoxicity Data:
Not determined.

12.6 Ecofate Data:
Not determined.

12.7 Special statements for 2001/58/EC:
Not determined.

13 DISPOSAL CONSIDERATIONS

13.1 Product as Sold:
Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste. Combustion products will include HF. Facility must be capable of handling halogenated materials.

13.2 Product in Use:
Not determined.

13.3 Product after Use:
Not determined.

13.4 Product Packaging:
Not determined.

13.5 Potential for Recycling:
Not determined.

13.6 Special Instructions:
Since regulations vary, consult applicable regulations or authorities before disposal.

14 TRANSPORT INFORMATION

| | |
|------------------------------|----------|
| - UN number: | UN1950 |
| - IMO Class: | 3 |
| - IMO Packing Group: | III |
| - IMO Proper Shipping Name: | Aerosols |
| - ADR Class: | 3 |
| - ADR Classification: | 5F |
| - ADR Packing Group: | III |
| - ADR Proper Shipping Name: | Aerosols |
| - IATA Class: | 3 |
| - IATA Packing Group: | III |
| - IATA Proper Shipping Name: | Aerosols |

15 REGULATORY INFORMATION

Label Version Number:

02.00

Symbol(s):

None.

Risk Phrases:

None.

Safety Phrases:

S51 Use only in well ventilated areas.

S23A Do not breathe vapour.

Disclosable Ingredients:

No ingredients required on the label.

Product Certifications:

EINECS.

16 OTHER INFORMATION

16.1 Complete list of risk phrases:

None.

16.2 Limitations on Use of Product:

For industrial or professional use only.

16.3 Reissue date/Reason for reissue:

This is a first issue.

16.4 Regulatory Information:

The following UK Regulations as amended may affect the product as supplied:

The Chemicals (Hazard Information and Packaging for supply) Regulations, as amended;

The Carriage of Dangerous Goods (Classification, Packaging and Labelling) and use of Transportable Pressure Receptacles Regulations 1996, as amended;

The Control of Substances Hazardous to Health Regulations 1999 as amended;

The Special Waste Regulations 1996, as amended;

The Environmental Protection Act, 1990, as amended;

The Health and Safety at Work Act, 1974, as amended.

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.