

3M United Kingdom Plc
3M Centre Cain Road
BRACKNELL Berkshire
RG12 8HT
UNITED KINGDOM

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Safety Data Sheet

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

1.1 Tradename:

398FR Flame Retardant Sealing Tapes

1.2 Intended Use of Product:

Flame retardant sealing tape.

1.3 3M Product ID:

70-0063-5158-2, 70-0063-5155-8

1.4 Contact Address:

3M United Kingdom PLC

3M Centre, Cain Road,

Bracknell, Berkshire, RG12 8HT

3M Ireland Ltd.

The Iveagh Building, The Park

Carrickmines, Dublin 18

1.5 E-mail Address and Emergency Contact Number:

tox.uk@mmm.com

+44 (0)1344 858 000

2 HAZARDS IDENTIFICATION

Risk Phrases:

3M

This product is considered an article and is exempt
from hazard classification.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name and classification	CAS number	Percentage
Glass cloth	---	50 - 60
Acrylic adhesive	Trade Secret	17 - 20
Tris(tribromoneopentyl)phosphate	19186-97-1	15 - 20
Rosin ester	---	2 - 5

4 FIRST-AID MEASURES

- 4.1 Eye Contact:
No need for first aid is anticipated.
- 4.2 Skin Contact:
No need for first aid is anticipated.
- 4.3 Inhalation:
No need for first aid is anticipated.
- 4.4 Ingestion:
No need for first aid is anticipated.

5 FIRE-FIGHTING MEASURES

- 5.1 Suitable Extinguishing Media:
Use fire extinguishers with class B extinguishing agents (e.g. dry chemical, carbon dioxide).
- 5.2 Unsuitable Extinguishing Media:
Not specified.
- 5.3 Exposure Hazards:
No unusual fire or explosion hazards are anticipated.
- 5.4 Combustion Products from Fire:
Not determined.
- 5.5 Fire-Fighting Procedures:
Wear full protective equipment and a self-contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions:
Please observe precautions from other sections of this Safety Data Sheet.
- 6.2 Methods for Cleaning up:

Please observe precautions from other sections of this Safety Data Sheet.

7 HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:
Avoid prolonged or repeated skin contact.
This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.
- 7.2 Precautions for Safe Storage:
Not determined.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Recommended Ventilation:
Not applicable.

8.2 Exposure Limits:

8.3 Exposure Controls:

8.3.1 Eye Protection:
Avoid eye contact.

8.3.2 Hand Protection:
Not applicable.

8.3.3 Skin Protection:
Gloves not normally required. Avoid prolonged or repeated skin contact.

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:
Not applicable.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance and Odour:	Acrylic adhesive solid on glass cloth backing. No significant odour.
- pH:	Not applicable
- Boiling point/boiling range:	Not applicable
- 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:	Not applicable
- Water Solubility:	Nil
- Specific gravity:	Not applicable
- Vapour density:	Not applicable
- Evaporation rate:	Not applicable
- Viscosity:	Not applicable
- Percent Volatile:	Not applicable

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 - With Oxidation, Heat or Reaction.

Carbon dioxide - With Oxidation, Heat or Reaction.

Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

11 TOXICOLOGICAL INFORMATION

11.1 Effects from Eye Contact:

No health effects are expected.

11.2 Effects from Skin Contact:

No health effects are expected.

11.3 Effects from Inhalation:

No health effects are expected.

11.4 Effects from Ingestion:

No health effects are expected.

11.5 Other Effects and Information:

- This product, when used under reasonable conditions and in accordance with the 3M directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

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:
This product does contain a brominated flame retardant that is neither a polybrominated biphenyl nor a polybrominated diphenyl ether, but must still be isolated as per EU Directive

12.8 Other Effects and Information:
The environmental properties of this product present a low environmental hazard.

13 DISPOSAL CONSIDERATIONS

13.1 Product as Sold:
Not applicable.

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:
Reclaim if feasible. If product can't be reclaimed, dispose of waste product in a sanitary landfill. Alternatively, incinerate the waste product in an industrial, commercial, or municipal incinerator.

13.6 Special Instructions:
Not applicable.

14 TRANSPORT INFORMATION

Transport Details:
Please see the Annex to this document in which all transportation information is given.

15 REGULATORY INFORMATION

Symbol(s):
None.

Risk Phrases:
3M This product is considered an article and is exempt from hazard classification.

Safety Phrases:
None.

Disclosable Ingredients:
No ingredients required on label.

16 OTHER INFORMATION

16.1 Complete list of risk phrases:

3M This product is considered an article and is exempt from hazard classification.

16.2 Limitations on Use of Product:

For industrial or professional use only.

16.3 Reissue date/Reason for reissue:

Updated sections 7, 13 & 16.

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.

ANNEX: Transport information as per paragraph 14 of the MSDS

This product is not hazardous for transportation.