FOR YOU APPROVAL

承　　認　　書

•客戶名稱：鈺緯科技開發股份有限公司

•品名/產品描述：

(N0031) 3N12S150010/ TAPE(3M 1388W-1,W15*t0.05*L66m)
3N12S200010/ TAPE(3M 1388W-1,W20*t0.05*L66m)

•規格/材質：　15mm*66M & 20mmx66M /單面膠帶

•公　　差：裁切+/- 0.3mm

•日　　期：2024.08.16

•版　　本：　A

•客戶承認簽章

APPROVED BY	CHECK BY	PREPARED BY
設計驗證 工程課 2025 -07- 09 發行 鈺緯科技開發股份有限公司		

原料廠商：台灣明尼蘇達礦業製造股份有限公司

經 銷 商：台灣樺島貿易有限公司

廣東東莞廠：樺 豐 貿 易 有 限 公 司

無錫廠：無錫樺仁電子有限公司

臺 北 市 建 國 北 路 二 段 258 巷 29 號

TEL：02-25941519　FAX：02-25915852

台灣樺島貿易有限公司 統一發票專用章 統一編號 12151474 負責人：莊黃秀琴 TEL:02-25941519 台北市 建國北路2段258巷29號1樓

台灣樺島貿易有限公司

承認書目錄(3M#1388W-1 TAPE)

1. 產品介紹 …… 1

2. SGS …….. 2~9

3. 宣告書……10~11

4. SDS……...12~20

1388W-1 Tape

Polyester Film Tape with Electrical Insulation Grade
Non-Halogen Flame Retardant Acrylic Pressure-Sensitive Adhesive

Product Description

3M™ 1388W-1 Tape is an electrical insulating polyester film tape which meets Non-Halogen requirement and flame retardant requirements according to UL 510 method. It offers smooth unwinding and is suitable for use on automated equipment.

- Bromide content<900ppm; Total halogen content<900ppm
- 3M NHFR logo printed on backing for identification
- Printable
- Solvent resistant without thermosetting
- Excellent Shelf Life
- UL certificate is proceeding

Applications

3M 1388W-1 Tape is especially suited for applications such as transformers, wrapping coils, capacitors, shaded pole motors, fractional horsepower motors and various electronic component insulations.

Typical Properties

Adhesive:	White color electrical grade acrylic
Backing:	1 mil polyester film
Total Thickness:	2.0 mils / 0.05 mm
Dielectric Breakdown:	5000 Volts
Insulation Resistance @ 23 C & 96% RH, 96 hrs:	>1.0x 10 E+12 ohms
Breaking Strength:	25 lbs. / in (44N/10mm)
Elongation (% at break) :	100
Adhesion to Steel:	30 oz/in (3.3 N/10mm)
Flame Retardant:	Pass UL510 flame test
CTI	Group 1
ECF	1.0

Note: Typical properties are not recommended for specification purposes. Product specifications will be provided upon request.

Test Report

No.: ETR23A02158 Date: 19-Oct-2023

3M TAIWAN LTD.
NO. 66, LANE 800, CHUNG-SHAN S. RD., YANG-MEI DISTRICT, TAOYUAN CITY 326, TAIWAN (R. O. C.)

The following sample(s) was/were submitted and identified by the applicant as:

Sample Submitted By	:	3M TAIWAN LTD.
Sample Name	:	TAPE
Style/Item No.	:	1388W-1

==========

Sample Receiving Date	:	12-Oct-2023
Testing Period	:	12-Oct-2023 to 19-Oct-2023

Test Requested :
(1) As specified by client, with reference to RoHS 2011/65/EU Annex II and amending Directive (EU) 2015/863 to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP contents in the submitted sample(s).
(2) As specified by client, to test Halogen-Fluorine, Chlorine, Bromine, Iodine in the submitted sample.

Test Results : Please refer to following pages.

Conclusion :
(1) Based on the performed tests on submitted sample(s), the test results of Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Troy Chang / Department Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei

CHECK REPORT
PIN CODE: 2B441839

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Test Part Description

No.1 : WHITE TAPE

Test Result(s)

Test Item(s)	Method	Unit	MDL	Result	Limit
				No.1	
Cadmium (Cd)	With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.	mg/kg	2	n.d.	100
Lead (Pb)		mg/kg	2	n.d.	1000
Mercury (Hg)	With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES.	mg/kg	2	n.d.	1000
Hexavalent Chromium Cr(VI)	With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.	mg/kg	8	n.d.	1000
Monobromobiphenyl	With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.	mg/kg	5	n.d.	-
Dibromobiphenyl		mg/kg	5	n.d.	-
Tribromobiphenyl		mg/kg	5	n.d.	-
Tetrabromobiphenyl		mg/kg	5	n.d.	-
Pentabromobiphenyl		mg/kg	5	n.d.	-
Hexabromobiphenyl		mg/kg	5	n.d.	-
Heptabromobiphenyl		mg/kg	5	n.d.	-
Octabromobiphenyl		mg/kg	5	n.d.	-
Nonabromobiphenyl		mg/kg	5	n.d.	-
Decabromobiphenyl		mg/kg	5	n.d.	-
Sum of PBBs		mg/kg	-	n.d.	1000
Monobromodiphenyl ether	With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.	mg/kg	5	n.d.	-
Dibromodiphenyl ether		mg/kg	5	n.d.	-
Tribromodiphenyl ether		mg/kg	5	n.d.	-
Tetrabromodiphenyl ether		mg/kg	5	n.d.	-
Pentabromodiphenyl ether		mg/kg	5	n.d.	-
Hexabromodiphenyl ether		mg/kg	5	n.d.	-
Heptabromodiphenyl ether		mg/kg	5	n.d.	-
Octabromodiphenyl ether		mg/kg	5	n.d.	-
Nonabromodiphenyl ether		mg/kg	5	n.d.	-
Decabromodiphenyl ether		mg/kg	5	n.d.	-
Sum of PBDEs		mg/kg	-	n.d.	1000

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Test Item(s)	Method	Unit	MDL	Result No.1	Limit
Butyl benzyl phthalate (BBP)	With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.	mg/kg	50	n.d.	1000
Dibutyl phthalate (DBP)		mg/kg	50	n.d.	1000
Diisobutyl phthalate (DIBP)		mg/kg	50	n.d.	1000
Di-(2-ethylhexyl) phthalate (DEHP)		mg/kg	50	n.d.	1000
Fluorine (F) (CAS No.: 14762-94-8)	With reference to BS EN 14582: 2016, analysis was performed by IC.	mg/kg	50	n.d.	-
Chlorine (Cl) (CAS No.: 22537-15-1)	With reference to BS EN 14582: 2016, analysis was performed by IC.	mg/kg	50	n.d.	-
Bromine (Br) (CAS No.: 10097-32-2)	With reference to BS EN 14582: 2016, analysis was performed by IC.	mg/kg	50	n.d.	-
Iodine (I) (CAS No.: 14362-44-8)	With reference to BS EN 14582: 2016, analysis was performed by IC.	mg/kg	50	n.d.	-

Note：

1. mg/kg = ppm；0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit
3. n.d. = Not Detected (Less than MDL)
4. "-" = Not Regulated
5. Unless otherwise stated , the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits.

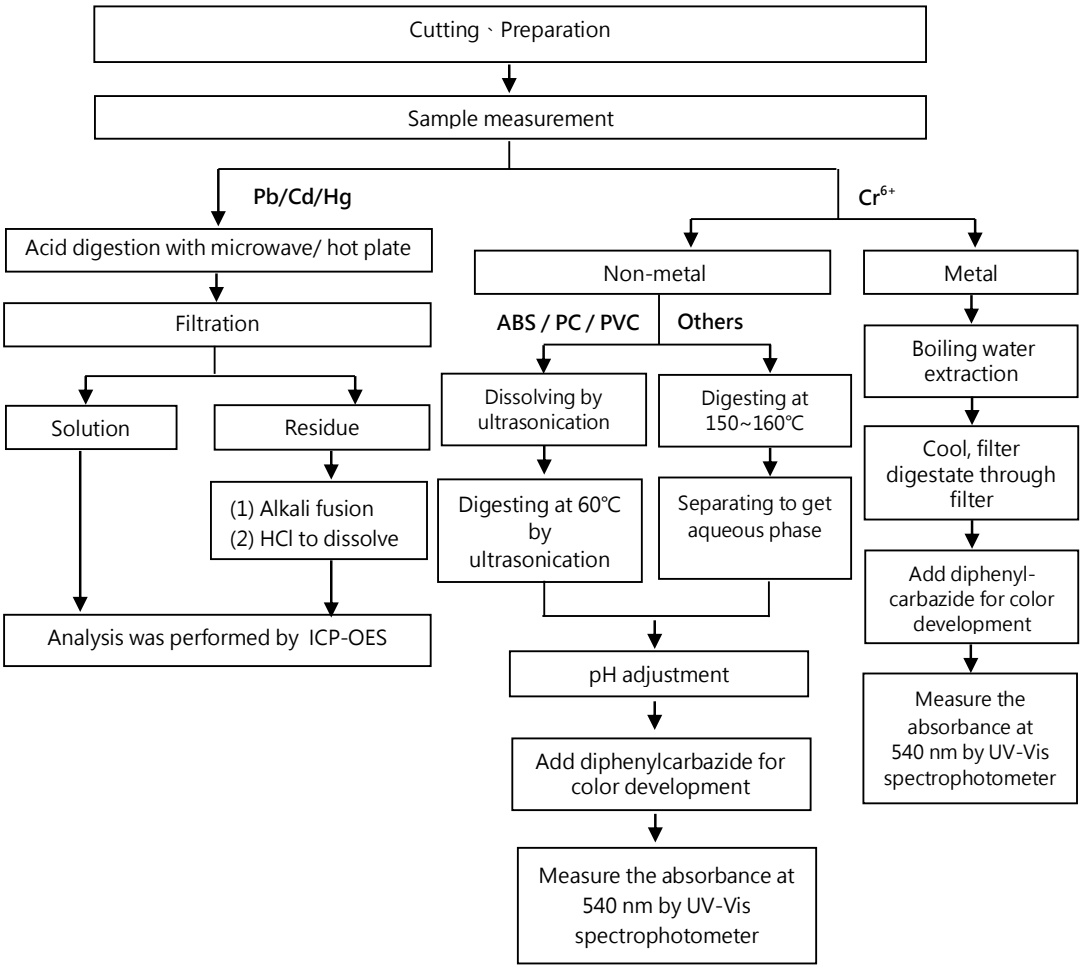
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Analytical flow chart of heavy metal

These samples were dissolved totally by pre-conditioning method according to below flow chart.

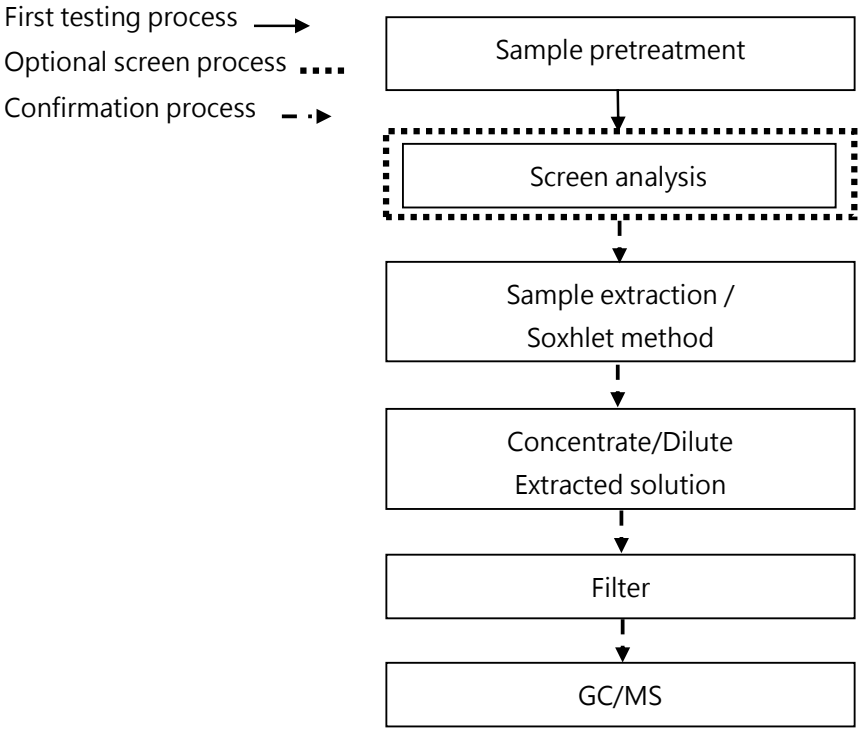
(Cr^{6+} test method excluded)



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Analytical flow chart – PBBs / PBDEs

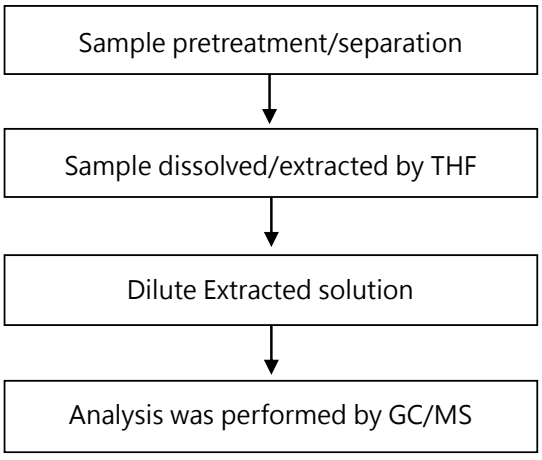


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Analytical flow chart - Phthalate

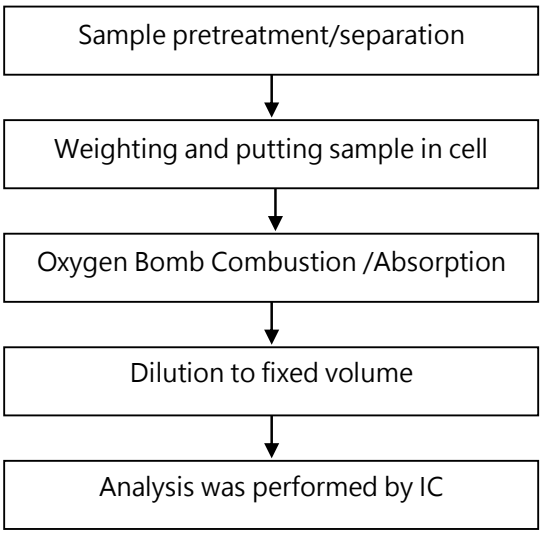
【Test method: IEC 62321-8】



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Analytical flow chart of Halogen

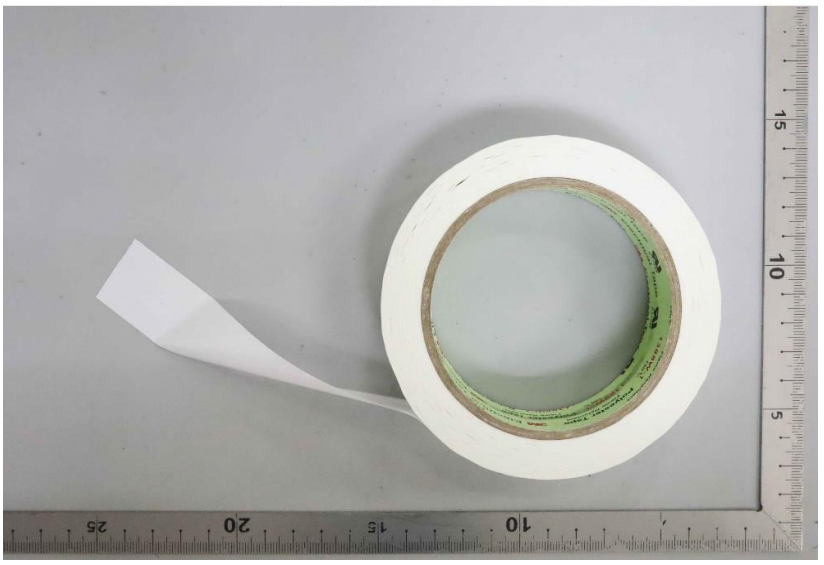


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*** The tested sample / part is marked by an arrow if it's shown on the photo. ***

ETR23A02158



** End of Report **

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3M Taiwan Ltd.
No. 66, Lane 800, Chung Shan S. Rd.,
Yang Mei Dist., Taoyuan City, Taiwan, R.O.C.
Tel: 886-3-4783600
Fax: 886-3-4750924

July 4, 2024

Dear Valued 3M Customer,

Re: Response to Request for Composition Information on Candidate List Substances

This letter is in response to your request for composition information on Candidate List Substances related to Art. 59.1 of Regulation No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as updated by ECHA on 27 Jun, 2024 (http://echa.europa.eu/web/guest/candidate-list-table).

You requested information regarding the following 3M product(s):

3M Electrical Tape 5, 1350F series, 1350T series, 1351 series, 1318 series
3M Electrical Insulation Tape 1388Y-1, 1388B-1, 1388W-1 , 1388B-1 Matte
3M Electrical Insulation Tape 1098-1
3M NHFR Insulation Sheet IS-250-a, IS-300
3M Tape 44-A, 44D-A, 44T-A
3M PIA220, 92, 1205, 1218
3M Tape 1618, 1683, 1688
3M Tape 1181, 1194, 1245
3M EKA-4, EKA-6

Due to the wide variation in content and format of such request forms, it is the policy of 3M to provide letters, such as this one, in response to requests for regulatory information.

On behalf of 3M Company, to the best of 3M's knowledge, the chemicals from the Candidate List as amended on 27 Jun, 2024 are not present at or above 0.1% in the product(s) listed above.

In preparing this response, 3M has relied in part on information provided by 3M suppliers.

I trust the above information is responsive to your request.

Please contact me if there are any additional questions.

Sincerely,

Sunny Chang
Product Stewardship, Specialist

In the event any Product is proven not to conform with the information in this document, then to the extent permitted by law, 3M's entire liability and Buyer's exclusive remedy, will be at 3M's option either: (i) replacement of Product with a conforming product, or (ii) refund of the purchase price paid by Buyer for each non-conforming Product, within a reasonable time after written notification of said non-conformance and return of said Product to 3M. 3M shall not under any circumstances be liable for direct, incidental, special, or consequential damages (including but not limited to loss of profits,

3M Taiwan Ltd.
No. 66, Lane 800, Chung Shan S. Rd.,
Yang Mei Dist., Taoyuan City, Taiwan, R.O.C.
Tel: 886-3-4783600
Fax: 886-3-4750924

revenue, or business) related to or arising out of this certification, including, the use, misuse or inability to use the Product. Unless stated otherwise in writing, the foregoing language cannot be waived, modified, or supplemented in any manner whatsoever.

Safety Data Sheet

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This safety data sheet (SDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a SDS is not required for this product by the Regulation of Labelling and Hazard Communication of Hazardous Chemicals promulgated by Ministry of Labor because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

Document Group:	24-7251-2	**Version Number:**	2.01
Issue Date:	2022/10/06	**Supercedes Date:**	2019/04/23

This Safety Data Sheet has been prepared in accordance with the 'Regulation of Labelling and Hazard Communication of Hazardous Chemicals'

SECTION 1: Identification

1.1. Chemicals Name
1388W-1 electrical insulation tape

Other Names: None

Product Identification Numbers
XE-0042-3264-3 XE-0042-3278-3

1.2. Recommended use and restrictions on use

Recommended use
Tape

1.3. Details of the supplier of the safety data sheet

Name:	3M Taiwan LTD
ADDRESS:	3F., No. 198, Jingmao 2nd Rd., Nangang Dist., Taipei City 115018, Taiwan
Telephone:	(02) 2785-9338
Website:	www.3m.com.tw

1.4. Emergency telephone number
Emergency Telephone:886-3-4783600
Fax number:(03) 475-0924, 475-0904

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture
This product is exempt from GHS classification according to Article 4 of Regulations for the Labeling and Hazard Communication of Hazardous Chemicals.

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

Pure Material: Not Applicable

This material is a mixture.

Chemical Properties: Refer to Section 9 of this SDS

Hazardous Ingredient Names	C.A.S. No.	% by Wt
POLY(ETHYLENE TEREPHTHALATE)	25038-59-9	40 - 50
Acrylic adhesive	Trade Secret	25 - 35
Organic phosphorous compound	Trade Secret	5 - 15

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:
No need for first aid is anticipated.

Skin Contact:
Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye Contact:
Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If Swallowed:
No need for first aid is anticipated.

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. Advice to protect the rescuer and special warning to doctors
Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation and personal protective equipment.

4.4. Indication of any immediate medical attention and special treatment required
Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media
In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture
None inherent in this product.

5.3. Special protective actions for fire-fighters
No special protective actions for fire-fighters are anticipated.

5.4. Special equipment for the protection of fire-fighters
No information is available.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Not applicable.

6.2. Environmental precautions
Not applicable.

6.3. Methods and material for containment and cleaning up
Not applicable.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
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. Conditions for safe storage including any incompatibilities
Not applicable.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits
No occupational exposure limit values exist for any of the components listed in Section 3 of this SDS.

Biological limit values
No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

8.2. Exposure controls

8.2.1. Engineering controls
Not applicable.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Eye protection not required.

Skin/hand protection
No chemical protective gloves are required.

Respiratory protection

Respiratory protection is not required.

8.3. Hygiene Measures
See Section 7.1 Precautions for safe handling

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Specific Physical Form:	Roll of Tape
Color	White
Odor	Acrylic
Odor threshold	*Not Applicable*
pH	*Not Applicable*
Melting point/Freezing point	*Not Applicable*
Boiling point/Initial boiling point/Boiling range	*Not Applicable*
Flash Point	*Not Applicable*
Evaporation rate	*Not Applicable*
Flammability (solid, gas)	Not Classified
Flammable Limits(LEL)	*Not Applicable*
Flammable Limits(UEL)	*Not Applicable*
Vapor Pressure	*Not Applicable*
Vapor Density and/or Relative Vapor Density	*Not Applicable*
Density	*Not Applicable*
Relative Density	*Not Applicable*
Water solubility	Nil
Solubility- non-water	*Not Applicable*
Partition coefficient: n-octanol/ water	*Not Applicable*
Autoignition temperature	*Not Applicable*
Decomposition temperature	*Not Applicable*
Viscosity/Kinematic Viscosity	*Not Applicable*
Volatile Organic Compounds	*No Data Available*
Percent volatile	*Not Applicable*
VOC Less H2O & Exempt Solvents	*No Data Available*

SECTION 10: Stability and reactivity

10.1. Reactivity
This material is considered to be non reactive under normal use conditions.

10.2. Chemical stability
Stable.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products

Substance	Condition
Carbon monoxide	Not Specified
Carbon dioxide	Not Specified

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.

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:
No known health effects.

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:
No known health effects.

Chronic toxicity or long term toxicity

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
POLY(ETHYLENE TEREPHTHALATE)	Dermal		LD50 estimated to be > 5,000 mg/kg
POLY(ETHYLENE TEREPHTHALATE)	Ingestion	Rat	LD50 > 5,000 mg/kg

Acrylic adhesive	Dermal		LD50 estimated to be > 5,000 mg/kg
Acrylic adhesive	Ingestion		LD50 estimated to be 2,000 - 5,000 mg/kg
Organic phosphorous compound	Dermal	Rat	LD50 > 2,000 mg/kg
Organic phosphorous compound	Ingestion	Rat	LD50 > 2,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
POLY(ETHYLENE TEREPHTHALATE)	In vitro data	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
POLY(ETHYLENE TEREPHTHALATE)	Human	No significant irritation

Sensitization:

Skin Sensitization

Name	Species	Value
POLY(ETHYLENE TEREPHTHALATE)	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
POLY(ETHYLENE TEREPHTHALATE)	In Vitro	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

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

Target Organ(s)

Specific Target Organ Toxicity - single exposure

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

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
POLY(ETHYLENE TEREPHTHALATE)	Ingestion	heart | skin | endocrine system | bone, teeth, nails, and/or hair | hematopoietic system | liver | immune system | muscles | nervous system | eyes |	Not classified	Rat	NOAEL Not available	13 weeks

		kidney and/or bladder | respiratory system				

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
POLY(ETHYLENE TEREPHTHALATE)	25038-59-9	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Acrylic adhesive	Trade Secret	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Organic phosphorous compound	Trade Secret	Green algae	Experimental	72 hours	EC50	>180 mg/l
Organic phosphorous compound	Trade Secret	Water flea	Experimental	48 hours	EC50	100 mg/l
Organic phosphorous compound	Trade Secret	Zebra Fish	Experimental	96 hours	LC50	100 mg/l
Organic phosphorous compound	Trade Secret	Green algae	Experimental	72 hours	NOEC	180 mg/l
Organic phosphorous compound	Trade Secret	Water flea	Experimental	21 days	NOEC	10 mg/l
Organic phosphorous compound	Trade Secret	Zebra Fish	Experimental	28 days	NOEC	100 mg/l

Organic phosphorous compound	Trade Secret	Activated sludge	Experimental	3 hours	EC50	1,968 mg/l

12.2. Persistence and degradability

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
POLY(ETHYLENE TEREPHTHALATE)	25038-59-9	Data not availbl-insufficient	N/A	N/A	N/A	N/A
Acrylic adhesive	Trade Secret	Data not availbl-insufficient	N/A	N/A	N/A	N/A
Organic phosphorous compound	Trade Secret	Experimental Biodegradation	28 days	Biological Oxygen Demand	1 %BOD/ThOD	OECD 301F - Manometric Respiro
Organic phosphorous compound	Trade Secret	Experimental Aquatic Inherent Biodegrad.	28 days	Percent degraded	7 %degraded	OECD 302C - Modified MITI (II)
Organic phosphorous compound	Trade Secret	Analogous Compound Hydrolysis		Hydrolytic half-life	>30 years (t 1/2)	EC C.7 Hydrolysis at pH

12.3. Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
POLY(ETHYLENE TEREPHTHALATE)	25038-59-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Acrylic adhesive	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Organic phosphorous compound	Trade Secret	Analogous Compound BCF - Fish	60 days	Bioaccumulation Factor	76-190	
Organic phosphorous compound	Trade Secret	Estimated Bioconcentration		Log of Octanol/H2O part. coeff	-2	

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.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

SECTION 14: Transport Information

14.1. International Regulations
Not hazardous for transportation.

UN No.: Not applicable
UN Proper shipping name: Not applicable
Transportation Class (IMO): Not applicable
Transportation Class (IATA): Not applicable
Packing Group: Not applicable
Marine pollutant: Not applicable
Specific transport measures and precautionary conditions: Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Applicable regulations:
Methods and Facilities Standards for the Storage, Clearance and Disposal of Industrial Waste

Occupational Safety and Health Act

15.2. Global Inventory Status:
Taiwan Chemical Substance Inventory: Yes
Toxic Substances Control Act: Inventory list not applicable

SECTION 16: Other information

16.1. Literature references

Organization that prepared the SDS

Name:	3M Taiwan LTD
Address:	3F., No. 198, Jingmao 2nd Rd., Nangang Dist., Taipei City 115018, Taiwan
Telephone Number:	886 3 478 3600 #388

Person who prepared the SDS

Title:	Senior Product Responsibility Liaison
Name:	Sunny Chang

Date that the SDS was prepared:
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Section 01: Emergency telephone information was modified.

Section 02: TW GHS Classification information was modified.
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Section 09: Vapor density value information was deleted.
Section 09: Viscosity information information was deleted.
Section 09: Viscosity information was added.
Section 09: VOC Less H2O & Exempt Solvents information was added.
Section 09: Volatile Organic Compounds information was added.
Section 12: Component ecotoxicity information information was modified.
Section 12: Persistence and Degradability information information was modified.
Section 12:Bioccumulative potential information information was modified.
Section 15: Methods and Facilities Standards information was modified.
Section 16: UK disclaimer information was deleted.
Taiwan Section 03: Ingredient table information was added.
Taiwan Section 03: Mixture information was added.
Taiwan Section 03: Pure Material information was added.

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