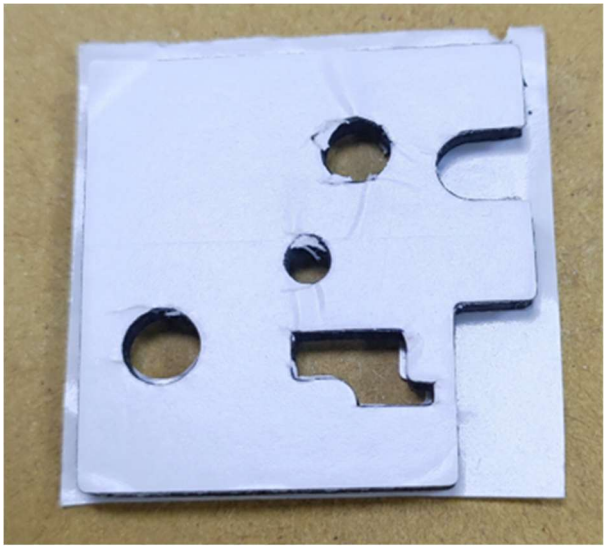




設計驗證
工程課
2025 -12- 02
發行

聚大橡膠企業股份有限公司

聚紳國際股份有限公司

惠陽聚大電子企業公司

上海聚大科技電子公司

承　認　書

APPROVAL SPECIFICATION REPORT

客戶名稱: 鈺緯科技股份有限公司
CUSTOMER

料　　號 3MD464TH01A (M3099)
PART NO.

機　　種 SENSOR PAD
MODEL NO.

模具穴數 : CAV 1 KEY

模具字號 : T12533A
TOOLING NO.

承認日期 :
APPD DATE

業　務 SALES	工　程 ENGINEERING	生　產 PRODUCTION	品　管 I.Q.C.	客戶認可 APPD BY
蘇鈺文	張慧雲	多弟	陳美惠	設計驗證 工程課 2025 -12- 02 發行 鈺緯科技開發股份有限公司

聚大橡膠企業股份有限公司
GREAT RUBBER CO., LTD.

聚紳國際股份有限公司
OMNITERRA INTERATION LTD.

樣品確認單
SAMPLE CONFIRMATION FORM

製造商填寫

客戶名稱 Customer	鈺緯	模號 Tool No	T12533A	核決 VICE GM
料號/機種 Part No.	3MD464TH01A	製造廠商 Manufacturer	聚大橡膠	黃宗寶
樣品數量 Sample Q'ty	10pcs	請於 Please sign within	3 日簽名 days.	審核 CHECKED by
				張慧雲

1.用料 Material	PORON (HH-48)	2.顏色 Color	黑色
3.荷重 Force	／	4.導電Ø數 Carbon Pill Ø	／
5.電阻值 Ohm Value Ω	／	6.色KEY Color Key	／
7.印刷顏色 Printing Color	／	7.表面噴塗 Coating	／
8.背膠紙 Adhesive paper	雙面背膠T911		
9.備註 Remarks	孔的地方要完整，不要有多的離形紙		

業務 Sales	
蔡宗穎	
品管 I.Q.C	
陳美惠	
工程 Engineering	
劉育庭	

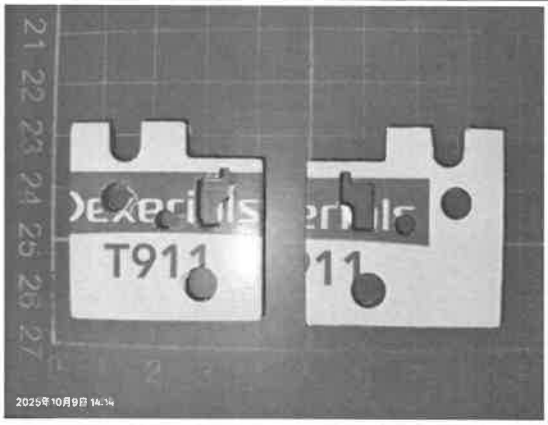
客戶填寫

客戶確認
client confirmation

客戶簽名 Customer signature: Ferris 1016 0950 Date: 2025/10/7

判定結果 RESULT
■合格 Approved
□不合格 Rejected

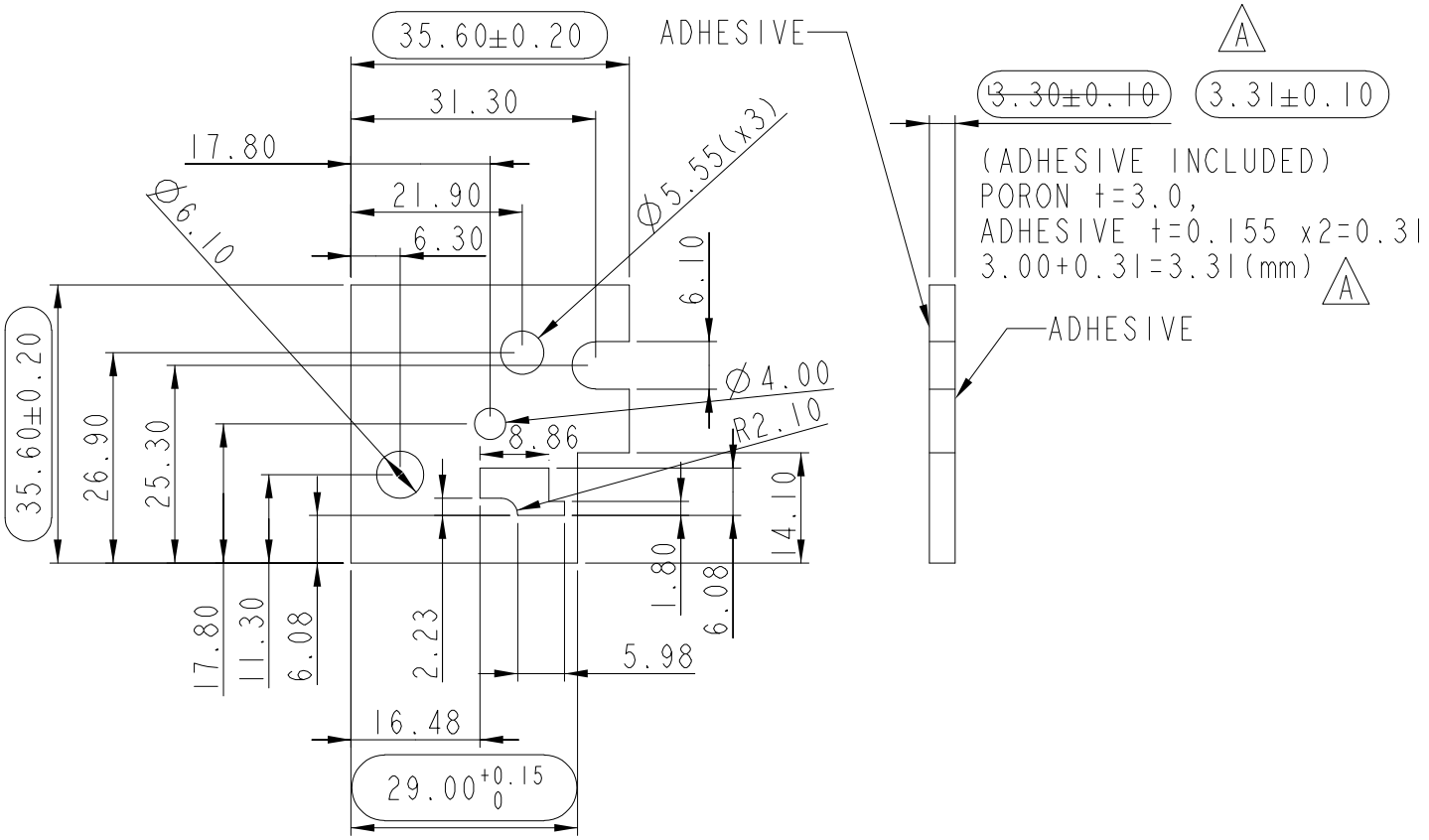
樣品 Sample



確認後製商部門簽名:

業務:: 工程: 品管: 資材:

REV.	DATE	DESCRIPTION	BY	APVD
A	2025.09.15	ADHESIVE FROM SONY G9000 CHANGE TO Dexerials T911, PART NUMBER FROM 3MD464TH010 CHANGE TO 3MD464TH01A.	Ferris Tsai	



NOTE:
1. MATERIAL: PORON(HH-48), t=3.0mm
2. COLOR: BLACK
3. ADHESIVE: ~~SONY G9000, t=0.15mm(DOUBLE SIDE)~~
   A Dexerials T911, t=0.155mm(DOUBLE SIDE)
4. RoHS COMPLIANT
5. DIVA QC INSPECTION DOCUMENT NO.:QWI-024

設計驗證
工程課
2025 -12- 02
發行
鈺緯科技開發股份有限公司

RANGE OF DIMENSION	TOLERANCE CLASS DESIGNATION V f	V m	V c
UP TO 30	±0.10	±0.20	±0.50
ABOVE 30~120	±0.15	±0.30	±0.80
ABOVE 120~315	±0.20	±0.50	±1.20
ABOVE 315~1000	±0.30	±0.80	±2.00
ANGLE ±1° (±1.75/100)			

THIRD ANGLE PROJECTION

UNITS:mm	SCALE: 1/1	SHEET: 1 OF 1	MODEL NO.: GUP2732CMI
MATERIAL:		TREATMENT:	

DSGD by	Ferris Tsai	2019_06.26	PART NAME: SENSOR PAD
CHK by			
APVD by		2025-09-15	PART NO.: 3MD464TH01A REV. A
APVD NO.: (M3099)		3D FILE NAME: 3MD464TH01A-SENSOR_PAD	DIVA Laboratories ,Ltd.

尺 寸 測 量
DIMENSION MEASUREMENT

供應商 Supplier	聚大橡膠企業股份有限公司	測量工具 Tool	PJ
料號/機種 PART NO	3MD464TH01A	模號 Model	T12533A
材質 Material	HH48	日期 DATE	2025.10.15
測量員 Performed by	阿力	審核 Reviewed by	張慧雲

測量位置 Print Location	量測點之中心值 Nominal	公差 Tolerance		樣本 Sample					最小 Min	最大 Max	平均 Average	% Tolerance		PASS/FAIL
		下限 Low	上限 Upper	1	2	3	4	5				上限% UPPER	下限% LOW	
1	35.60	0.20	0.20	35.62	35.61	35.57	35.58	35.61	35.57	35.62	35.60	10%	15%	PASS
2	35.60	0.20	0.20	35.61	35.62	35.59	35.57	35.60	35.57	35.62	35.60	10%	15%	PASS
3	29.00	0.00	0.15	29.02	29.01	29.02	29.03	29.01	29.01	29.03	29.02	20%		PASS
4	3.30	0.10	0.10	3.32	3.31	3.34	3.31	3.33	3.31	3.34	3.32	40%	0%	PASS

Remarks :

Dexerials

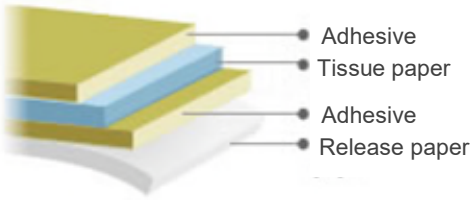
Technical Data Sheet

Double coated tape T911

Features

- High adhesive quality (heat resistance and weather resistance) for wide ranging applications.
- Excellent bonding to rough surface.

Structure



Main component	Acrylic
Carrier	White tissue
Color	Translucent
Adhesive thickness (μm)	About 155
Release paper thickness (μm)	About 120
Peeling strength (kg/inch) *1	2.0
St'd size (width & length)	1250mm × 50M

*1 180° peeling strength /substrate : stainless steel SUS304BA

Suitable use

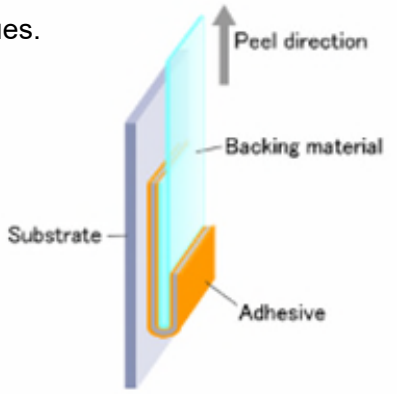
- It is suitable for the material bonding usage of plastic such as nameplates and front panels of electricity and an electronic equipment (ABS, PS, and acrylic resin, etc.) and the metals (aluminum and stainless steel plate, etc.).
- It is suitable for the bonding usage of the packing of electricity and an electronic equipment and the foam materials of damping materials etc. (urethane etc.).

Technical data

* The described values are measured data, not guaranteed values.

1. Peeling strength on various type of substrate (180° peeling)

＜Test piece condition＞
Tape width: 1 inch
Bonding condition: One stroke with 2-kg roller
Measuring condition: 23℃±5℃ 60%±20%RH
Peel speed: 300mm/min
Backing material: 25μmPET
[Left at RT for one min before measurement]



＜180° peeling strength test＞



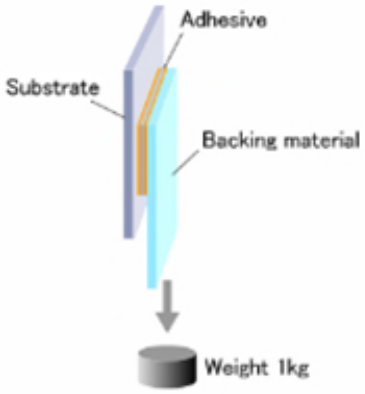
©2022 Dexerials Corporation

＜Results＞ （kg/inch）

Substrate	AL	ABS	SUS (BA)	PS	PC	Glass	PP
180° peeling strength	2.10	2.10	2.10	2.23	2.33	2.13	2.13

2. Holding power at different temperatures

＜Test piece condition＞
Substrate：Stainless steel SUS304BA
Bonding area：1 inch × 1 inch
Bonding condition：One stroke with 2-kg roller
[Left at RT for one hour and then at each temperature for 30 minutes before measurement]
[Creep length after 24 hour application of 0.5-kg load](80℃)



＜Holding power test＞

＜Results＞

Measurement temperature	80℃
Creep length (mm)	7.3



Note on the characteristic data given— Data on the characteristics of the products described in this catalog are based on the results of evaluations carried out by the company. This does not guarantee that the characteristics of the product conform with your usage environment. Before use, review the usage conditions based on evaluation data obtained from the equipment and substrates actually used.

Dexerials Taiwan Corporation www.dexerials.jp/en/
3F-1 No.167, Sec. 2, Nanjing E. Road, Zhongshan District, Taipei City 104, Taiwan
TEL：+886-2-2515-2585

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Dexerials Taiwan Corporation
3F, No.167, Sec. 2, Nanjing E. Rd., Zhongshan Dist., Taipei City 104, Taiwan TEL: +886-2-2515-2585 FAX: +886-2-2515-2567

Notice of change of sales company for T911

Time: November 2, 2024

To: Users and vendors

From: Dexerials Taiwan Corporation

Background:

As a result of the merger, we will change the name of the sales company for outsourced products from January 1, 2025.

Outsource the production of products: T911 1250mmX50M

Outsourced production companies: SUPERBOND TRADING CO., LTD.

Illustrate:

- Only the sales company is changed, and the model number continues to be the same.
- The DEXERIALS logo on the release paper will be removed, leaving the word T911 (e.g. next page) .
- The manufacturer on the outer box label will be changed to SUPERBOND TRADING CO., LTD.
- This change does not involve changes in 4M, and there are no adjustments to production plants and equipment, raw materials and process methods, product specifications, and quality control items.
- In the future, quality problems and environmental documents will be handled by SUPERBOND TRADING CO., LTD.

Dexerials Taiwan Corporation
Managing Director
Yasushi Bando

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Test Report

No.: ETR25302803 Date: 18-Mar-2025

SUPER BOND TRADING CO., LTD.
11F NO.123-5 SINGDE RD.SANCHONG DIST, NEW TAIPEI CITY 24158, TAIWAN

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

Sample Name	:	ADHESIVE
Style/Item No.	:	T911

==========

Sample Receiving Date	:	12-Mar-2025
Testing Period	:	12-Mar-2025 to 18-Mar-2025

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.

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

CHECK REPORT
PIN CODE: 5F507955

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SUPER BOND TRADING CO., LTD.
11F NO.123-5 SINGDE RD.SANCHONG DIST, NEW TAIPEI CITY 24158, TAIWAN

Test Part Description

No.1 : TRANSPARENT DOUBLE SIDED ADHESIVE (EXCLUDING THE RELEASE LINER)

Test Result(s)

Test Item(s)	Method	Unit	MDL	Result
				No.1
Cadmium (Cd)	With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.	mg/kg	2	n.d.
Lead (Pb)		mg/kg	2	n.d.
Mercury (Hg)	With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES.	mg/kg	2	n.d.
Hexavalent Chromium Cr(VI)	With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.	mg/kg	8	n.d.
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.
Monobromodiphenyl ether		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.

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SUPER BOND TRADING CO., LTD.
11F NO.123-5 SINGDE RD.SANCHONG DIST, NEW TAIPEI CITY 24158, TAIWAN

Test Item(s)	Method	Unit	MDL	Result
				No.1
Butyl benzyl phthalate (BBP)	With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.	mg/kg	50	n.d.
Dibutyl phthalate (DBP)		mg/kg	50	n.d.
Diisobutyl phthalate (DIBP)		mg/kg	50	n.d.
Di-(2-ethylhexyl) phthalate (DEHP)		mg/kg	50	n.d.
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

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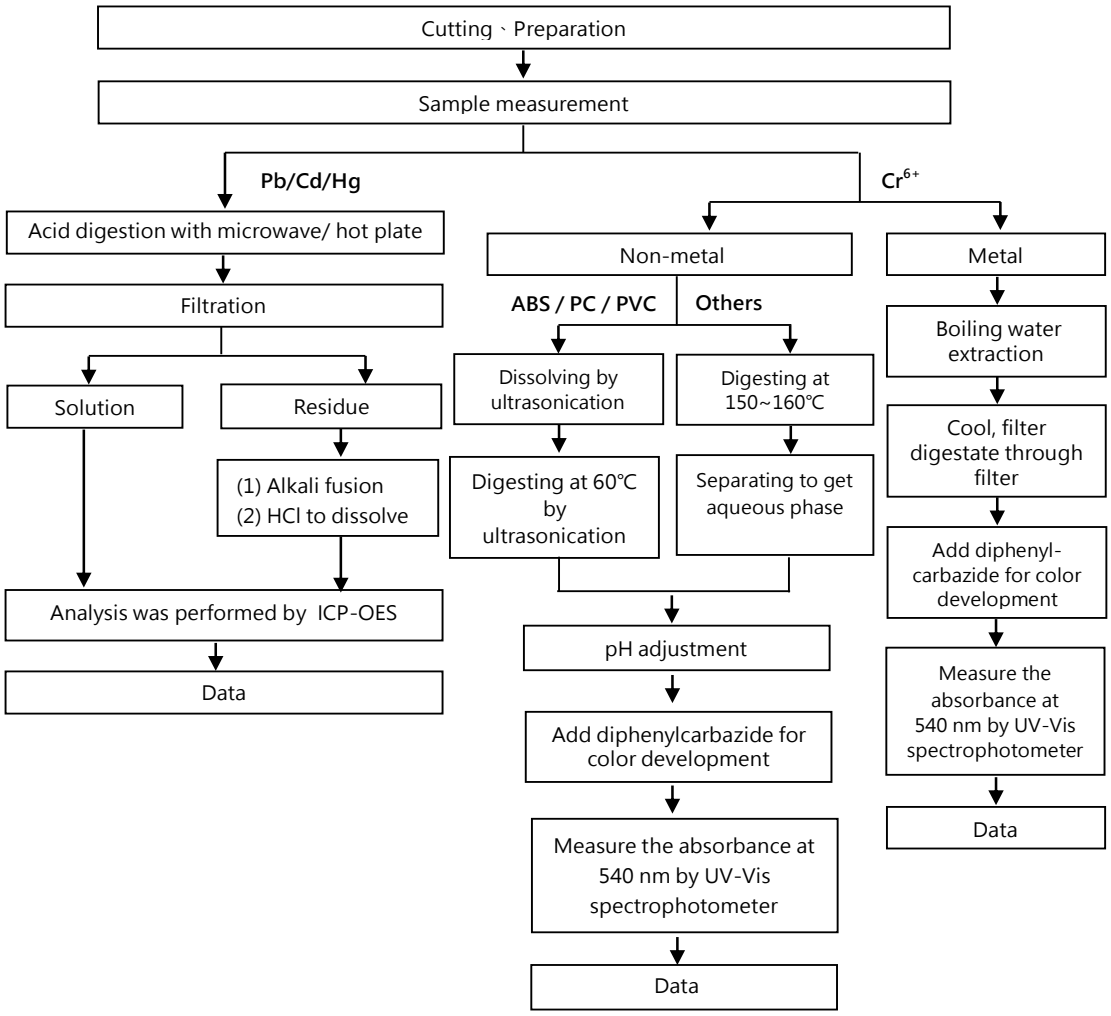
SUPER BOND TRADING CO., LTD.
11F NO.123-5 SINGDE RD.SANCHONG DIST, NEW TAIPEI CITY 24158, TAIWAN

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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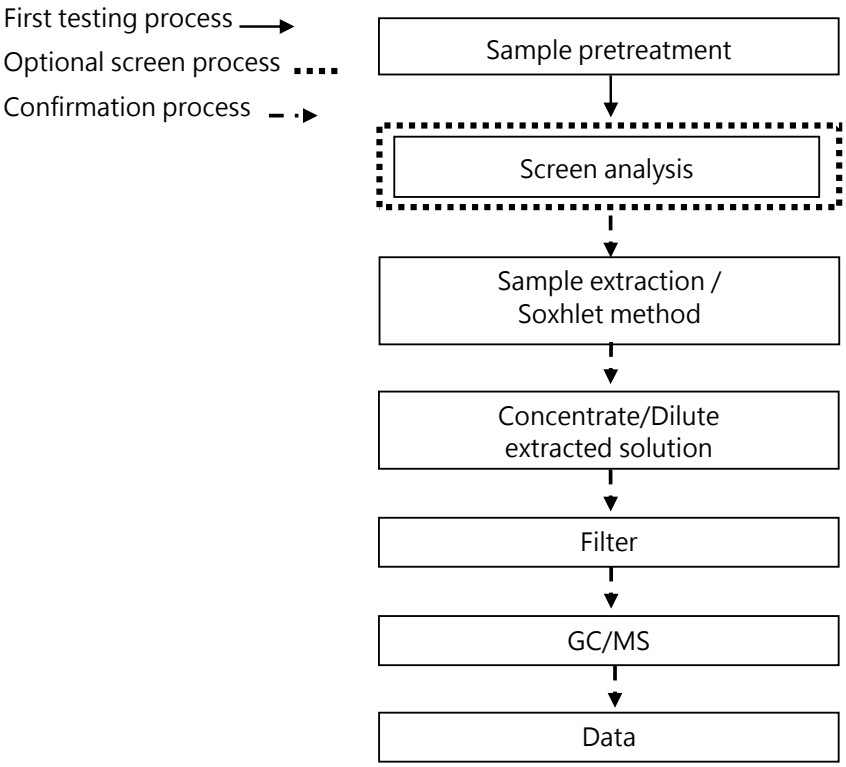
Analytical flow chart – PBBs / PBDEs



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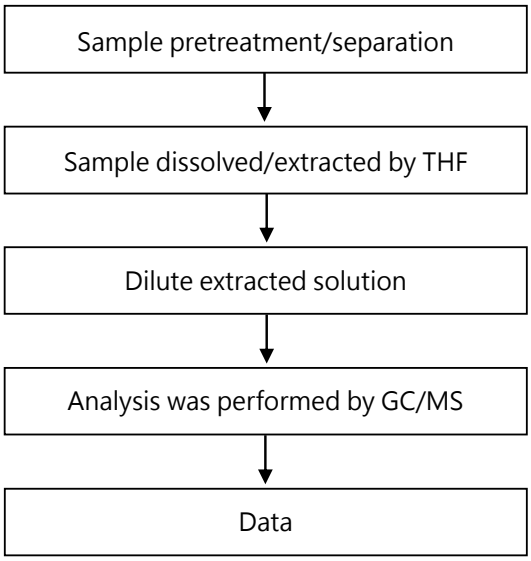
SUPER BOND TRADING CO., LTD.
11F NO.123-5 SINGDE RD.SANCHONG DIST, NEW TAIPEI CITY 24158, TAIWAN

Analytical flow chart - Phthalate

【Test method: IEC 62321-8】



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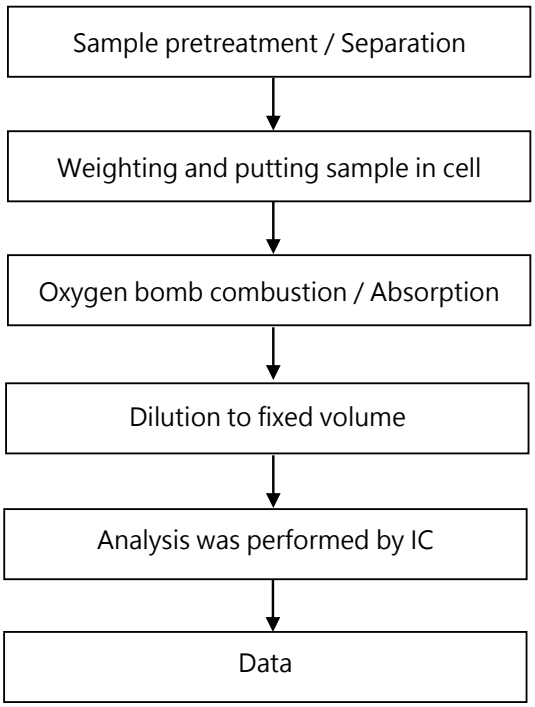
Analytical flow chart - Halogen



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SUPER BOND TRADING CO., LTD.
11F NO.123-5 SINGDE RD.SANCHONG DIST, NEW TAIPEI CITY 24158, TAIWAN

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

ETR25302803



** End of Report **

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SAFETY DATA SHEET

Date Revised : 2/1/2023
Date of issue : 2/1/2023

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Form: 0.16mm D/S adhesive tape (Acrylic), white color PE coated bleached Kraft paper liner

Product Name: T911

Intended Use of the Product

Use of the substance/mixture: Adhering materials

Name, Address, and Telephone of the Responsible Party

Company: Dexerials Corporation(Corporate Headquarters)
Address: 1724 Shimotsuboyama, Shimotsuke-shi, Tochigi 323-0194, Japan
Phone: +81-285-39-7950
Dexerials Taiwan Corporation(Overseas branch)
Address: 3F-1, No.167, Sec.2, Nanjing E. Ed.,Zhongshan Dist., Taipei City 104, Taiwan
Phone: +886-2-2515-2585

SECTION 2. HAZARDS IDENTIFICATION

Classification of the Substance or Mixture Classification (GHS-US)

The tape doesn't present any specific hazards against GHS
Full text of H-phrases: see section 16

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture

Name	Product Identifier	%
Acrylic resin	Compound, no CAS NO	51 – 57
Release Paper	N/A	38 - 44
Tissue	N/A	2 - 8
EAC(Ethyl acetate)	141-78-6	<1%

Full text of H-phrases: see section 16

SECTION 4. FIRST AID MEASURES

Description of First Aid Measures

First-aid Measures General:Rinse tape with warm water and remove slowly, or seek medical advice immediately
First-aid Measures After Inhalation: No data available (this product is a solid and is not inhalable)
First-aid Measures After Skin Contact:Rinse tape with warm water and remove slowly, or seek medical advice immediately
First-aid Measures After Eye Contact: Rinse tape with warm water and remove slowly, or seek medical advice immediately
First-aid Measures After Ingestion:Seek medical advice immediately

Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: No data available
Symptoms/Injuries After Inhalation:No data available (this product is a solid thus not inhalable)
Symptoms/Injuries After Skin Contact:After prolonged skin contact, it may cause tingling feeling or mild irritation upon tape removal
Symptoms/Injuries After Eye Contact: No data available
Symptoms/Injuries After Ingestion: No data available
Chronic Symptoms: No data available

Indication of Any Immediate Medical Attention and Special Treatment Needed

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Powder, carbon dioxide, water spray or regular form of fire distinguisher

Unsuitable Extinguishing Media: No data available

Special Hazards Arising From the Substance or Mixture

Fire Hazard: This product may give rise to hazardous fumes in a fire

Explosion Hazard: No data available

Reactivity: No data available

Advice for Firefighters

Precautionary Measures Fire: No data available

Firefighting Instructions: No data available

Protection During Firefighting: Wear full protective clothing and self-contained breathing apparatus

Other Information: No data available

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Allow molten material to cool, remove by hand with protective gloves

For Non-emergency Personnel

Protective Equipment: Protective gloves

Emergency Procedures: Use protective gloves when handling molten material

For Emergency Responders

Protective Equipment: Protective gloves

Emergency Procedures: Use protective gloves when handling molten material

Environmental Precautions

Methods and Material for Containment and Cleaning Up

For Containment: Allow molten material to cool, remove by hand with protective gloves

Methods for Cleaning Up: Dispose of spilled material in approved landfill or incinerator in compliance with federal, state and

local regulations. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the

Environmental Protection Agency (EPA).

Reference to Other Sections

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed:

Hygiene Measures: Use protective gloves when handling molten material

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures:

Storage Conditions: 77±15 °F (25±5 °C) and 65 +/-5% relative humidity; tore in cool and dry area.

Incompatible Products: Do not store near heat or flame.

Storage Temperature: 77±15 °F (25±5 °C)

Specific End Use(s)

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Control Parameters

Exposure Controls

Appropriate Engineering Controls : Not required in particular

Personal Protective Equipment : Not required in particular

Materials for Protective Clothing : Not required in particular
Hand Protection : Not required in particular
Eye Protection : Not required in particular
Skin and Body Protection : Not required in particular
Respiratory Protection : Not required in particular
Environmental Exposure Controls : Not required in particular
Consumer Exposure Controls : Not required in particular

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State : Solid
Appearance : White adhesive tape & white color release liner
Odor : Slight acrylic odor
pH : 6 - 8
Solubility : Insoluble in water and alkanes; moderately insoluble in alcohols; fairly insoluble in acetates

Other Information

VOC content EAC <1%

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Stable under normal temperature and pressure

Chemical Stability:

Stable under normal temperature and pressure

Possibility of Hazardous Reactions:

Continuous application of intense heat may cause paper liner and adhesive to burn

Conditions to Avoid:

Continuous application of intense heat

Incompatible Materials:

Avoid contact with high-acid, high-alkaline materials or peroxide

Hazardous Decomposition Products:

No data available

SECTION 11. TOXICOLOGICAL INFORMATION

Information On Toxicological Effects

Acute Toxicity: No data available
Skin Corrosion/Irritation: No data available
Serious Eye Damage/Irritation: No data available
Respiratory or Skin Sensitization: No data available
Germ Cell Mutagenicity: No data available
Carcinogenicity: No data available
Reproductive Toxicity: No data available
Specific Target Organ Toxicity (Single Exposure): No data available
Specific Target Organ Toxicity (Repeated Exposure): No data available
Aspiration Hazard: No data available
Symptoms/Injuries After Inhalation: No data available (this product is a solid thus not inhalable)
Symptoms/Injuries After Skin Contact: After prolonged skin contact, it may cause tingling feeling or mild irritation upon tape removal
Symptoms/Injuries After Eye Contact: No data available
Symptoms/Injuries After Ingestion: No data available
Chronic Symptoms: No data available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

No data available

Persistence and Degradability

No data available

Bioaccumulative Potential No data available

Mobility in Soil No data available

Other Adverse Effects No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Sewage Disposal Recommendations:

Use approved disposal methods recommended by state and local agencies

Waste Disposal Recommendations:

Use approved disposal methods recommended by state and local agencies

Additional Information:

SECTION 14. TRANSPORT INFORMATION

In Accordance with DOT (US Department of Transportation)

No special transport way. To ensure the quality, please avoid high temperature and high humidity during the transport.

Identification Number : T911

In Accordance with IMDG (International Maritime Dangerous Goods)

Identification Number : T911

In Accordance with IATA (International Air Transport Association)

Identification Number : T911

SECTION 15. REGULATORY INFORMATION

US Federal Regulations

Labor safety and hygiene regulations; Dangerous and hazardous materials treatment regulations

SECTION 16. OTHER INFORMATION

Other Information

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases: N/A

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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RIC ロジャースイノアッ

作成：１９９９年１０月１日

ＰＯＲＯＮ ＨＨ－４８ 一般物性

項　　目	単　位	物　性　値	試　験　法
厚　　み	mm	±10%	Thickness gauge
密　　度	kg／m³ (g／cm³)	480 (0.48)	JIS K 6401
引張強度	MPa (kg／cm²)	2.65 (27.0)	JIS K 6251
引裂強度	N/mm (kg／cm)	7.4 (7.5)	JIS K 6252
伸　　び	%	140	JIS K 6251
25%圧縮強度	MPa (kg／cm²)	0.39 (4.0)	JIS K 6254
圧縮残留歪	%	4.7	JIS K 6401

（ 数値は、すべて代表値を表す）