

Creation date: 18-Jun-2016

Revision date: 07-Jul-2020

Version: 2

1. Identification of the Substance/Preparation and of the Company/Undertaking

- (a) **Product name:** Glass cloth adhesive tape
Product identifier P629
- (b) **Other means of identification**
Product Code P627-00036
- (c) **Recommended Use** Provides a flame retardant barrier over Tedlar (PVF) cargo pit panel seams.
 Glass cloth backing is conformable for use over contoured surfaces like mechanical fasteners.
- (d) **Supplier Address** Nitto, Inc.
 190 Rutgers University Blvd. Lakewood, NJ08701, U.S.A.
 TEL.+1-732-901-7905 FAX.+1-732-901-9354
- Emergency telephone number** +1-732-901-7905 (Nitto, Inc.)

2. Hazards Identification

- (a) **GHS - Classification** Not applicable for article
- (b) **Label elements** Not Applicable
- Physical State:** Solid
- Odor** Slight

3. Composition/information on Ingredients

Product Classification ARTICLE

<u>Chemical name</u>	<u>CAS No</u>	<u>Concentration or concentration ranges</u>
Glass cloth	-	45-55
1,1-(Ethane-1,2-diyl) bis[pentabromobenzene]	84852-53-9	10-20
Acrylic Adhesive	-	30-40
Polyethylene liner	-	-

The exact percentage (concentration) of composition has been withheld as a trade secret

4. First aid measures

- (a) **General information**
- If inhaled** Not an expected route of exposure
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- Eyes** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
 If symptoms persist, call a physician
- Skin** Wash off immediately with soap and plenty of water
 In the case of skin irritation or allergic reactions see a physician
- Ingestion** Get immediate medical advice/attention
 IF SWALLOWED Induce vomiting immediately. Get medical advice/attention if necessary
- (b) **Most important symptoms/effects, acute and delayed:** No information available
- (c) **Self-protection of the first aider** Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves
- Note to physicians** No information available

5. Fire-fighting measures

- (a) **Fire extinguishing agent** Dry chemical, CO2, water spray or regular foam
- Prohibited media** No information available

<u>(b) Special exposure hazards in a fire</u>	No information available
<u>Hazardous combustion products</u>	No information available
<u>Explosion data</u>	No information available
<u>Sensitivity to Mechanical Impact</u>	No information available
<u>Sensitivity to Static Discharge</u>	No information available
<u>(c) Special protective equipment and precautions for firefighters</u>	In the event of fire, wear self-contained breathing apparatus Use personal protective equipment as required

6. Accidental release measures

<u>(a) Personal Precautions:</u>	Avoid contact with eyes and skin
<u>Protective equipment and emergency procedures</u>	Protective gloves and safety glasses recommended
<u>(b) Environmental precautions:</u>	Collect spillage Prevent product from entering drains Keep out of waterways
<u>(c) Methods and material for containment and cleaning up</u>	Should not be released into the environment

7. Handling and Storage

<u>(a) Precautions for safe handling</u>	Protective gloves and safety glasses recommended Wash hands thoroughly after handling
<u>(b) Storage Conditions</u>	Best stored between 50°F-80°F/ 10°C-27°C, 25-50% relative humidity; out of direct sunlight.

8. Exposure Controls/Personal Protection

<u>(a) Control parameters</u>	None under normal use conditions
<u>other information:</u>	No information available
<u>(b) Appropriate engineering controls</u>	Ensure adequate ventilation, especially in confined areas
<u>(c) Personal protective equipment [PPE]</u>	
<u>Respiratory Protection:</u>	None under normal use conditions
<u>Hand Protection</u>	Wear non-permeable gloves
<u>Skin protection</u>	Wear protective gloves and protective clothing

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

<u>(a) Physical State:</u>	Solid
<u>(b) Paint</u>	White with blue liner
<u>(c) Odor</u>	Slight
<u>(d) pH</u>	No data available
<u>(e) Melting point / Freezing point</u>	No information available
<u>(f) Boiling point / boiling range</u>	Not Applicable
<u>boiling point</u>	Not Applicable
<u>(g) Flash Point:</u>	No data available
<u>(h) Evaporation rate:</u>	No data available
<u>(i) Flammability (solid, gas)</u>	Non-flammable solid
<u>(j) Upper/lower flammability or explosive limits</u>	
<u>Upper</u>	Not Applicable
<u>Lower</u>	Not Applicable
<u>(k) vapor pressure</u>	Not Applicable
<u>(l) Vapor density:</u>	Not Applicable
<u>(m) Specific gravity</u>	No data available
<u>(n) Solubility</u>	Insoluble in water
<u>(o) Partition coefficient:</u>	No data available
<u>(p) Autoignition temperature:</u>	No data available
<u>(q) decomposition temperature</u>	No data available
<u>(r) Kinematic viscosity</u>	No data available
<u>(s) molecular weight</u>	No data available

10. Stability and Reactivity

- (a) Reactivity:** Stable under normal conditions
- (b) Chemical stability:** Stable under normal conditions
- (c) Possibility of Hazardous Reactions:** No data available
- (d) Conditions to avoid:** No information available
- (e) Incompatible materials:** No information available
- (f) Hazardous decomposition products:** Thermal decomposition can lead to release of irritating and toxic gases and vapors
Carbon dioxide (CO2)
Carbon monoxide

11. Toxicological Information

- (a) Information on likely routes of exposure**
 - Inhalation:** Not an expected route of exposure
 - Ingestion:** Not an expected route of exposure May cause respiratory irritation to sensitive individuals
 - Skin:** May cause skin irritation to sensitive individuals
 - Eyes:** May cause eye irritation to sensitive individuals
- (b) Most important symptoms/effects, acute and delayed:** No information available
- (c) Delayed and immediate effects and also chronic effects from short- and long-term exposure**
 - Acute Toxicity:** No information available
 - Skin corrosion/irritation:** No information available
 - Serious eye damage/eye irritation:** No information available
 - Respiratory sensitization:** No information available
 - Germ cell mutagenicity:** No data available on finished product
 - Reproductive Toxicity:** No data available on finished product
 - Target organ effects:** No information available
 - Specification target internal organs/systemic toxicity (single exposure):** No data available on finished product
 - Specification target internal organs/systemic toxicity (repeat exposure):** No data available on finished product
 - Aspiration hazard:** Not Applicable
- (d) Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen
No data available on finished product

<u>Chemical name</u>	<u>ACGIH (American Conference of Governmental Industrial Hygienists):</u>	<u>International Agency for Research on Cancer (IARC)</u>	<u>NTP (National Toxicology Program):</u>	<u>OSHA (Occupational Safety and Health Administration of the US Department of Labor):</u>
Glass cloth	A3	Group 3	See below	-

- ACGIH (American Conference of Governmental Industrial Hygienists):** *A3 - Animal Carcinogen*
- International Agency for Research on Cancer (IARC)** *Group 3 -Not classifiable as a human carcinogen*
- National Toxicology Program:** *Reasonably anticipated to be a human carcinogen (glass wool of respirable size)*

12. Ecological Information

- (a) Ecotoxicity:** No data available on finished product
- (b) Persistence and degradability:** No data available on finished product
- (c) Bioaccumulation:** No data available on finished product
- (d) Other adverse effects**
 - Ozone depletion potential (ODP):** Stable under normal conditions

13. Disposal Considerations

Waste treatment methods

Disposal of wastes

Dispose of in accordance with federal, state and local regulations. The Customer is responsible for the proper disposal of any waste generated as a result of the use of the Product or of the Product itself, and is responsible for complying with all applicable laws, rules and regulations relating to the management, storage, treatment, shipment and disposal of such waste or Product ("Waste Management Practices"). "Product" includes anything sold by Nitto Denko Corporation and/or any affiliates or subsidiaries ("Company") to Customer. The Company is not responsible for any of the Customer's Waste Management Practices. As part of those practices, Customer must separate packaging from Product before disposal. Further, Customer should review and comply with this SDS prior to any such disposal.

Customer shall hold harmless the Company, its agents, contractors, successors and assigns from any and all liability, claims, loss, damage, death or injury, including reasonable attorneys fees and costs, arising out of or relating to Customer's Waste Management Practices

Contaminated packaging disposal considerations

See Disposal of Wastes
See Disposal of Wastes

14. Transport Information

- DOT(U.S. Department of Transportation) (HMTA)** Not regulated
- UN/ID-Nr** Not Applicable
- UN Proper Shipping Name** Not regulated
- Transport hazard class** Not Applicable
- Packing group, if applicable Not Applicable
- (e) Environmental hazards (Applicable/not applicable)** Not Applicable
- (f) Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code (Applicable · Not applicable)** Not Applicable
- Special precautions in connection with transport or conveyance** Store in a cool area away from heat
- TDG:** Not regulated
- MEX(Transport is specifically for Mexico)** Not regulated
- ICAO (air)** Not regulated
- IATA:** Not regulated
- IMDG:** Not regulated
- UN/ID-Nr** Not Applicable
- UN Proper Shipping Name** Not regulated
- Transport hazard class** Not Applicable
- Special precautions in connection with transport or conveyance** Store in a cool area away from heat
- RID (Regulations concerning the International Carriage of Dangerous Goods by Rail)** Not regulated
- ADR : (European Agreement concerning International Carriage of Dangerous Goods by Road)** Not regulated
- ADN Technical Name** Not regulated

15. Regulatory information

US Federal Regulations

<u>Chemical name</u>	<u>U.S. - TSCA (Toxic Substances Control Act) - Section 5(a)(2) - Chemicals with Significant New Use Rules (SNURs)</u>
1,1-(Ethane-1,2-diyl) bis[pentabromobenzene] 84852-53-9	40 CFR 721.536 PMN P-89-0867

US State Regulations

U.S. State Right-to-Know Regulations Not Applicable for article

REACH 7 Article 33 Article SVHC notification (> 0.1wt%)

None based on the current SVHC listing, as of the date of this SDS.

16. Other information

<u>NFPA</u>	<u>Health Hazards</u> 0	<u>Flammability:</u> 0	<u>Instability:</u> 0	<u>Physical and Chemical Properties</u> -
<u>HMIS</u>	<u>Health Hazards</u> 0	<u>Flammability:</u> 0	<u>Physical Hazards</u> 0	<u>Personal protective equipment</u> X

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Version 2
Source Information Raw material SDS
 LOLI (Chem ADVISOR) GHS classification data

Disclaimer

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End of Material Safety Data Sheet