

Issue date: 18-Jun-2016

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Version 1

## 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.  
 1990 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

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

## 6. Accidental release measures

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

## 7. Handling and Storage

- (a) Precautions for safe handling Protective gloves and safety glasses recommended  
Wash hands thoroughly after handling
- (b) Storage Conditions Store at room temperature and normal humidity away from direct sunlight

## 8. Exposure Controls/Personal Protection

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

## 9. Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

- (a) Physical State: Solid
- (b) Paint White with blue liner
- (c) Odor Slight
- (d) pH No data available
- (e) Melting point / Freezing point No information available
- (f) Boiling point / boiling range Not Applicable  
boiling point Not Applicable
- (g) Flash Point: No data available
- (h) Evaporation rate: No data available
- (i) Flammability (solid, gas) Non-flammable solid
- (j) Upper/lower flammability or explosive limits  
Upper Not Applicable  
Lower Not Applicable
- (k) vapor pressure Not Applicable
- (l) Vapor density: Not Applicable
- (m) Specific gravity No data available
- (n) Solubility Insoluble in water
- (o) Partition coefficient: No data available
- (p) Autoignition temperature: No data available
- (q) decomposition temperature No data available
- (r) Kinematic viscosity No data available
- (s) molecular weight 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)** Not regulated
- (HMTA)**
- 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** Not Applicable
- (Applicable/not applicable)**
- (f) Transport in bulk according to** Not Applicable
- Annex II of MARPOL 73/78 and the**
- IBC Code (Applicable · Not**
- applicable)**
- Special precautions in connection** Store in a cool area away from heat
- with transport or conveyance**
- 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** Store in a cool area away from heat
- with transport or conveyance**
- RID (Regulations concerning the** Not regulated
- International Carriage of Dangerous**
- Goods by Rail)**
- ADR : (European Agreement concerning** Not regulated
- International Carriage of Dangerous**
- Goods by Road)**
- 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 1  
Source Information Raw material SDS  
 LOLI(Chem ADVISOR) GHS classification data

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**End of Material Safety Data Sheet**