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

(a) Product name: Glass cloth adhesive tape
(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
   Physical State: Solid
   Odor: Slight

3. Composition/information on Ingredients

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

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
   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
   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
- 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:
- Protective equipment and emergency procedures
  - Avoid contact with eyes and skin
  - Protective gloves and safety glasses recommended

(b) Environmental precautions:
- Collect spillage
- Prevent product from entering drains
- Keep out of waterways
- Should not be released into the environment

(c) Methods and material for containment and cleaning up

7. Handling and Storage

(a) Precautions for safe handling
- Protective gloves and safety glasses recommended
- Wash hands thoroughly after handling

(b) Storage Conditions
- Best stored between 50°F-80°F/10°C-27°C, 25-50% relative humidity; out of 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:
  - 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 data available on finished product
   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

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

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

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

(e) Environmental hazards
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

Chemical name
1,1-(Ethane-1,2-diyl) bis[pentabromobenzene]

84852-53-9

U.S. - TSCA (Toxic Substances Control Act) - Section 5(a)(2) - Chemicals with Significant New Use Rules (SNURs)
40 CFR 721.536
PMN P-89-0867

US State Regulations

U.S. State Right-to-Know Regulations
Not Applicable for article
None based on the current SVHC listing, as of the date of this SDS.

### 16. Other information

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal protective equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

**Creation date:** 18-Jun-2016  
**Revision date:** 07-Jul-2020  
**Version:** 2  
**Source Information:** Raw material SDS, LOLI (Chem ADVISOR), GHS classification data

**Disclaimer**
Although the information in this document has been researched in good faith based on data available, Nitto, Inc., makes no warranty, expressed or implied regarding the accuracy or completeness of the information contained herein and the results to be obtained from the application of this information. Each user of this material should review this information and determine applicability based on their specific application(s). FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S). In accordance with OSHA, this product is considered an article. 29 CFR 1910.1200 (b)(6)(v) exempts articles from the Hazard Communication requirements and therefore does not require that a Safety Data Sheet be provided for this product, however it is offered at the request of our customers.

**End of Material Safety Data Sheet**