1. IDENTIFICATION OF THE PRODUCT
   
   **Product Name**
   Gorilla Tape®
   
   **Use/Size**
   Polymer Based Pressure Sensitive Adhesive
   
   **Distributor**
   The Gorilla Glue Company
   4550 Red Bank Expressway
   Cincinnati, OH 45227
   Tel: (513) 271-3300
   Fax: (513) 527-3742

2. HAZARDS IDENTIFICATION

   **NFPA Ratings**
   Code for Flammability – 0, Code for Health – 1, Code for Reactivity – 0, Code for Special Hazards – 0

   **HMIS Ratings**
   Code for Flammability – 0, Code for Health – 1, Code for Reactivity – 0, Code for Personal Protection - See Section 8

   **EU Main Hazards**
   Not classified as hazardous.

   **Routes of Entry**
   Inhalation - Skin contact

   **Carcinogenic Status**
   See Section 11 for information.

   **Target Organs**
   Skin

   **Health Effects - Eyes**
   Contact may cause irritation due to mechanical abrasion.

   **Health Effects - Skin**
   Prolonged, repeated contact with adhesive may cause skin irritation.

   **Health Effects - Ingestion**
   Not an expected route of entry during normal handling and use.

   **Health Effects - Inhalation**
   Prolonged, repeated inhalation of adhesive may cause dizziness and drowsiness.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS#/Codes</th>
<th>Concentration</th>
<th>R Phrases</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synthetic Polymers</td>
<td>N.A.</td>
<td>&lt;35%</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Natural and Synthetic Rubbers</td>
<td>N.A.</td>
<td>&lt;13%</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Natural and Synthetic Fibers</td>
<td>N.A.</td>
<td>&lt;10%</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Hydrocarbon resin</td>
<td>N.A.</td>
<td>&lt;18%</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Inorganic Compound(s)</td>
<td>N.A.</td>
<td>&lt;23%</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td></td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>236-675-5</td>
<td>&lt;1.5%</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>0.1 - 0.5%</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES
   
   **Eyes**
   Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

   **Skin**
   Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists.

   **Ingestion**
   Obtain medical attention immediately.

   **Inhalation**
   Remove person to fresh air. Seek medical attention if symptoms persist.

   **Advice to Physicians**
   Treat symptomatically.

5. FIRE- FIGHTING MEASURES
   
   **Extinguishing Media**
   Water spray, carbon dioxide and dry chemical.

   **Unusual Fire and Explosion Hazards**
   Can release hazardous vapors during a fire.

   **Protective Equipment for Fire-Fighting**
   Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES
   No specific measures necessary. Prevent the material from entering drains or watercourses.

7. HANDLING AND STORAGE
   
   Keep away from heat and sources of ignition. Exposure to high heat or flame can release irritating and toxic fumes. Storage area should be: cool - dry - well ventilated - away from incompatible materials

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
   
   **Occupational Exposure Standards**
   Exposure limits are listed below, if they exist.

   **Synthetic Polymers**
   None established

   **Natural and Synthetic Rubbers**
   None established

   **Natural and Synthetic Fibers**
   None established

   **Hydrocarbon Resin**
   None established

   **Quartz**
   ACGIH TLV for Quartz (silica-crystalline) is 0.025 mg/m3 measured as respirable fraction of the aerosol

   **Titanium Dioxide**
   ACGIH TLV: 10 mg/m3 TWA
   OSHA PEL: 15 mg/m3 TWA, total dust
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control Measures
No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.

Respiratory Protection
Respiratory protection not normally required.

Hand Protection
Not required under normal conditions of use. However, care should be taken to avoid contact with the adhesive.

Eye Protection
Safety glasses

Body Protection
Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State  Polymer and cotton backing with a polymer based pressure sensitive adhesive
Color            Black backing with gray adhesive
Odor             Slight
pH               Not applicable
Specific Gravity No data available
Boiling Range/Point (°C/F) Not applicable
Melting Point (°C/F) Not applicable
Flash Point (PMCC) (°C/F) Not known
Explosion Limits (%) No data available
Vapor Pressure   Not applicable
Density          No data.
Solubility in Water Not known
Vapor Density (Air = 1) Not applicable

10. STABILITY AND REACTIVITY

Stability
Stable under normal conditions.

Conditions to Avoid
Heat - High temperatures

Materials to Avoid
Acids – bases – strong oxidizers

Hazardous Polymerization
Will not occur.

Hazardous Decomposition Products
11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Low order of acute toxicity.

Specific Target Organ Systemic Toxicity (single and repeat)
Not expected to cause adverse health effects to organ systems.

Serious Eye damage/Eye Irritation
May cause irritation due to mechanical abrasion.

Skin Corrosion/Irritation
May cause slight irritation on prolonged, repeated contact.

Respiratory or Skin Sensitization
Not expected to cause skin or respiratory sensitization.

Carcinogenicity
For “inhalable” crystalline silica (quartz): IARC Overall Evaluation is 1 (carcinogenic to humans), the quartz in this formulation is in an adhesive matrix and is not expected to be “inhalable.”
Titanium Dioxide: IARC Overall Evaluation is 2B (Possibly carcinogenic to humans) IARC conclusions are based on evidence showing that high concentrations of pigment-grade (powdered) and ultrafine titanium dioxide dust caused respiratory tract cancer in rats exposed by inhalation and intratracheal instillation. Human studies conducted so far do not suggest an association between occupational exposure to titanium dioxide and an increased risk for cancer. Since this product is an adhesive, the titanium dioxide is no longer in a dust form.

Germ Cell Mutagenicity
This product is not expected to cause any mutagenic effects.

Toxicity to Reproduction
This product is not expected to cause adverse reproductive effects.

12. ECOLOGICAL INFORMATION

Mobility
No relevant studies identified.

Persistence/Degradability
No relevant studies identified.

Bio-accumulation
No relevant studies identified.

Ecotoxicity
The product may be harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS
Dispose of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

DOT CFR 172.101 Data Not Regulated
UN Proper Shipping Name Not Regulated
UN Class None.
UN Number None.
UN Packaging Group None.
Classification for AIR  Consult current IATA regulations prior to shipping by air
Transportation (IATA)  

15. REGULATORY INFORMATION

EU Label Information
Classification and labelling have been performed according to EU directives 67/548/EEC and 99/45/EC including amendments (2001/60/EC and 2006/8/EC)

EC Annex I Classification

R phrases None.
S phrases None.

US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS

TSCA Listing
This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Inventory.

EINECS Listing
All ingredients in this product have not been verified for inclusion on the European Inventory of Existing Commercial Chemical Substances (EINECS) or specifically exempted.

DSL (Canadian) Listing
All ingredients in this product have not been verified for inclusion on the Domestic Substance List (DSL).

SARA Title III Sect. 311/312 Categorization
Immediate (acute) Delayed (chronic)

SARA Title III Sect. 313
This product contains the following chemicals that are listed in Section 313 at or above de minimis concentrations: None

16. OTHER INFORMATION

Abbreviations
N/A: Denotes no applicable information found or available
CAS#: Chemical Abstracts Service Number
ACGIH: American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer
R: Risk
S: Safety
LC50: Lethal Concentration 50%
LD50: Lethal Dose 50%
BOD: Biological Oxygen Demand
KoC: Soil Organic Carbon Partition Coefficient

The information presented in this Material Safety Data Sheet was prepared by qualified personnel and to the best of our knowledge is true and accurate. The information and recommendations are furnished for this product with the understanding that the purchaser will independently determine the suitability of the product for this purpose. This data does not constitute a warranty, expressed or implied, statutory or otherwise, nor is it representation for which The Gorilla Glue Company assumes legal responsibility. The data is submitted for the user’s information and consideration only. Any use of this product must be determined by the user to be in accordance with applicable federal, state, provincial and local laws and regulations.