



MATERIALS SAFETY DATA SHEET

Date Revised January 28, 2010 2nd Edition

FOR CHEMICAL EMERGENCY

During Business Hours: (800) 966-3458

Outside Business Hours: (800) 420-7186

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

Component Name	CAS#/Codes	Concentration	R Phrases	Classification
Synthetic Polymers	N.A.	<35%	None	None
Natural and Synthetic Rubbers	N.A.	<13%	None	None
Natural and Synthetic Fibers	N.A.	<10%	None	None
Hydrocarbon resin	N.A.	<18%	None	None
Inorganic Compound(s)	N.A.	<23%	None	None
Titanium Dioxide	13463-67-7			
	236-675-5	<1.5%	None	None
Quartz	14808-60-7	0.1 - 0.5%	None	None



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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



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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

Oxides of carbon – hydrocarbons – partially oxidized hydrocarbons – traces of alphaethylacrolein and formaldehyde – aldehydes – acrolein – waxes – oligomers – oxygenated hydrocarbons – oxides of nitrogen



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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 Transportation (IATA) Consult current IATA regulations prior to shipping by air



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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

According to EC Commission Directive 67/548/EEC this product is not classified.

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.