



August 2, 2017

Hook-and-Loop

Resealable Synthetic Fiber Fastener Tape

Manufactured By:



 7150 W. Erie St, Chandler, AZ 85226

 sales@zippertubing.com

 zippertubing.com

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The following pages identify the Safety Data requirements for the materials comprising the Zippertubing end-item product stated above.

© This SDS document contains proprietary third party safety information and is provided for the sole purpose of conveying safe product handling and disposal information to the end user. The information shall not be duplicated, reproduced, or disclosed to parties other than the recipient without written authorization from The Zippertubing Company®. The information shall not be used to create products or processes similar to those designed, developed and marketed by The Zippertubing Company®. Any attempt to utilize this information to create products similar to those of The Zippertubing Company® shall be prosecuted to the fullest extent of the law.

1. Product and Company Identification

Product Name Hook and Loop (Loop Side)	MSDS Code Number
Trade Names & Synonyms Nylon, Acrylic Binder Adhesive	Date of Last Revision 05/18/15
Chemical Name Polyamides, Acrylic	Manufacturer The Zippertubing Co.
C.A.S. Number N/A	Address 7150 W. Erie St Chandler, AZ 85226
Grades or Minor Variant Identities N/A	Information Telephone Number 480.285.3900
vpn - 194098	Emergency Telephone Number 480.285.3900

2. Hazards Identification

Emergency Overview This product is essentially non-toxic and non-allergenic in normal use. Follow procedures for good industrial hygiene. Product is unlikely to cause skin or eye irritation. Melt processing releases vapors which may cause eye, skin and respiratory tract irritation.					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute & Chronic Health Effects	Target Organ(s)
Eye X (dust)	Irritation	Single	Mild	None	
Skin					
Inhalation					
Ingestion					
Other					
Medical Conditions Aggravated by Exposure None Known					
Carcinogenicity (OSHA, IARC, NTP) There is no chemical present in this product at a concentration of 0.1% or more classified as a carcinogen by IARC, NTP or OSHA.					
Potential Environmental Effects					

3. Composition/Information on Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	% by wt.
Product does not contain any Hazardous Components.			
OSHA Regulatory Status This product is not considered to be a hazardous material according to the U.S. Occupational Safety and Health Act definitions and regulations, including the Hazard Communication Standard 29 CFR 1910.1200.			

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye X	Follow established first aid procedures for flushing foreign material from eye.		
Skin X	Wash hands with soap and water.		
Inhalation X	Move to fresh air and if symptoms persist, call a Physician.		
Ingestion X	Follow established first aid procedures for ingestion of foreign material.		
Other			
Note to Physician (Treatment, Testing, and Monitoring)			

5. Fire Fighting Measures

Flashpoint & Method	°F	Flammable (Explosive) Limits in Air (LEL & UEL)	Autoignition Temp.	°F	Other
		N/A			
Flame Propagation or Burning Rate (for solids)		Properties Contributing to Fire Intensity	Flammability Classification		
Not Tested		None			
Extinguishing Media		Extinguishing Media to Avoid	Reactions to Extinguishing Media		
Water, Foam, CO ² , or Dry Chem			N/A		
Protection and Procedures for Firefighters					
Fire-fighters and others who may be exposed to products of combustion should wear full protective clothing including self-contained breathing apparatus.					
Unusual Fire and Explosion Hazards					
Combustible thermoplastic material: may melt and drip and produce heavy smoke. Products of combustion can include: oxides of carbon, sulfur and nitrogen; traces of hydrogen cyanide and unknown hydrocarbons.					

6. Accidental Release Measures

Personal Precautions
Environmental Precautions
Containment Techniques
None
Spill/Leak Clean-Up Procedures and Equipment
Material is safe to handle. If processing generates fibers or dust, sweep and dispose in normal trash receptacle.
Evacuation Procedures
None
Special Instructions
None
Reporting Requirements
None

7. Handling and Storage

Handling Practices and Warnings
This material does not require special handling.
Storage Practices and Warnings
Store in cool, dry place, away from excessive heat.

8. Exposure Control/Personal Protection		
Ventilation None Required	Other Engineering Controls	
Routes of Entry	Personal Protective Equipment (PPE) for Normal Use	PPE for Emergencies
Eye/Face		
Skin		
Inhalation		
General Hygiene Consideration and Work Practices		
Protective Measures During Repair and Maintenance of Contaminated Equipment		
Other Protective Measures and Equipment		

9. Physical and Chemical Properties			
Appearance Textile Nylon Fastener		Odor Essentially odorless	
Normal Physical State Solid	Boiling Point N/A	Melting Point >400°F - >227°C	Freezing Point N/A
Specific Gravity or Density (H ₂ O) = 1) > 1.0	Solubility in Water Insoluble		Ph N/A
Vapor Pressure N/A	Vapor Density (AIR = 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A	
Other			

10. Stability and Reactivity	
Incompatibility (Materials to Avoid) Strong Acids, oxidizing agents and bases.	
Hazardous Products Produced During Decomposition Molten vapors or fumes may cause irritation to the respiratory tract. Combustible thermoplastics material may melt and drip, contact with hot molten tape will cause thermal burns.	
Hazardous Polymerization <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions to Avoid Excessive heat and ignition sources
Stability <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid

11. Toxicological Information
Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data
Finished article not tested. See section 2 for available information on potential health effects.

12. Ecological Information
Toxicity, Environmental Fate, Physical/Chemical Data, or Other Supporting Environmental Hazard Statements
Finished article not tested. Please refer to section 6 for information regarding accidental releases and section 15 for regulatory reporting information.

13. Disposal Considerations

Regulations
Properties (Physical/Chemical) Affecting Disposal Treat as normal solid waste. Reuse or recycle if possible.
NOTE: State or local requirements may differ from federal regulations. Processing or using this product may make the information here inappropriate. Waste generators are responsible for waste classification, transport, and disposal.

14. Transport Information

Regulated for Shipping? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Proper Shipping Name	Packing Group
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hazard Class	Identification Number
NOTE: This product is not regulated, or not dangerous, or not hazardous, or not restricted for transport by air.		

15. Regulatory Information

Federal Regulations (OSHA, TSCA, CERCLA, FIFRA, EPCRA, CAA, SWA, SDWA, CPSA, DEA, FDA/USDA, etc.) Consumer Product Safety Act (CPSIA) <i>This VELCRO® Brand product does not contain Lead.</i> <i>This VELCRO® Brand product does not contain Phthalates.</i>
State Regulations
International Regulations EU Directive 2002/95/EC – Restriction of Hazardous Substances (RoHS) “banned substances” along with EU Directive 2002/96/EC – Waste from Electrical and Electronic Equipment (WEEE) <i>VELCRO® Brand products do not exceed the amount of allowable levels concerning: Cadmium (Cd); Hexavalent Chromium (CrVI); Mercury (Hg); Lead (Pb); Polybrominated Biphenyls (PBB’s) as bromide; Polybrominated Diphenyl Ethers (PBDEs) as bromide, decaBDE</i> Registration, Evaluation and Authorization of Chemicals (EU - REACH) & Substances of Very High Concern (SVHC) <i>VELCRO® Brand product shipped into the EU are considered “Articles”. REACH Article 3(3) defines Article as: “an object which during production is given a special shape, surface or design which determines its function to a greater degree than its chemical composition”.</i> <i>This VELCRO® Brand Product does not contain substances on the SVHC list as of December 17, 2014.</i>
Other Ozone-Depleting Substances (ODS) <i>VELCRO® Brand products do not contain Ozone-Depleting substances nor are Ozone-Depleting Substances used in our manufacturing process. e.g. Chlorofluorocarbons (CFCs); Halons; Carbon Tetrachloride; Methyl Chloroform; Methyl Bromide; Hydro Bromofluorocarbon (HFBCs); and Hydro Chlorofluorocarbon (HCFCs)</i> Natural Latex <i>VELCRO® Brand products do not contain natural rubber latex.</i>

16. Other Information

Label Text, Hazard Rating Systems, Key Legend, or Other

1. Product and Company Identification

Product Name Hook and Loop (Hook Side)	MSDS Code Number
Trade Names & Synonyms Nylon, Acrylic Binder	Date of Last Revision 10/21/15
Chemical Name Polyamides, Acrylic	Manufacturer The Zippertubing Co.
C.A.S. Number N/A	Address 7150 W. Erie St Chandler, AZ 85226
Grades or Minor Variant Identities N/A	Information Telephone Number 480.285.3900
vpn – 194153, 211581	Emergency Telephone Number 480.285.3900

2. Hazards Identification

<p>Emergency Overview This product is essentially non-toxic and non-allergenic in normal use. Follow procedures for good industrial hygiene. Product is unlikely to cause skin or eye irritation. Melt processing releases vapors which may cause eye, skin and respiratory tract irritation.</p>					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute & Chronic Health Effects	Target Organ(s)
Eye X (dust)	Irritation	Single	Mild	None	
Skin					
Inhalation					
Ingestion					
Other					
<p>Medical Conditions Aggravated by Exposure None Known</p>					
<p>Carcinogenicity (OSHA, IARC, NTP) There is no chemical present in this product at a concentration of 0.1% or more classified as a carcinogen by IARC, NTP or OSHA.</p>					
<p>Potential Environmental Effects</p>					

3. Composition/Information on Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	% by wt.
Product does not contain any Hazardous Components.			
<p>OSHA Regulatory Status This product is not considered to be a hazardous material according to the U.S. Occupational Safety and Health Act definitions and regulations, including the Hazard Communication Standard 29 CFR 1910.1200.</p>			

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye X	Follow established first aid procedures for flushing foreign material from eye.		
Skin X	Wash hands with soap and water.		
Inhalation X	Move to fresh air and if symptoms persist, call a Physician.		
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Other			
Note to Physician (Treatment, Testing, and Monitoring)			

5. Fire Fighting Measures

Flashpoint & Method	°F	Flammable (Explosive) Limits in Air (LEL & UEL)	Autoignition Temp.	°F	Other
		N/A			
Flame Propagation or Burning Rate (for solids)		Properties Contributing to Fire Intensity	Flammability Classification		
Not Tested		None			
Extinguishing Media	Extinguishing Media to Avoid			Reactions to Extinguishing Media	
Water, Foam, CO ² , or Dry Chem				N/A	
Protection and Procedures for Firefighters					
Fire-fighters and others who may be exposed to products of combustion should wear full protective clothing including self-contained breathing apparatus.					
Unusual Fire and Explosion Hazards					
Combustible thermoplastic material: may melt and drip and produce heavy smoke. Products of combustion can include: oxides of carbon, sulfur and nitrogen; traces of hydrogen cyanide and unknown hydrocarbons.					

6. Accidental Release Measures

Personal Precautions
Environmental Precautions
Containment Techniques
None
Spill/Leak Clean-Up Procedures and Equipment
Material is safe to handle. If processing generates fibers or dust, sweep and dispose in normal trash receptacle.
Evacuation Procedures
None
Special Instructions
None
Reporting Requirements
None

7. Handling and Storage

Handling Practices and Warnings
This material does not require special handling.
Storage Practices and Warnings
Store in cool, dry place, away from excessive heat.

8. Exposure Control/Personal Protection

Ventilation None Required	Other Engineering Controls	
Routes of Entry	Personal Protective Equipment (PPE) for Normal Use	PPE for Emergencies
Eye/Face		
Skin		
Inhalation		
General Hygiene Consideration and Work Practices		
Protective Measures During Repair and Maintenance of Contaminated Equipment		
Other Protective Measures and Equipment		

9. Physical and Chemical Properties

Appearance Textile Fastener		Odor Essentially odorless	
Normal Physical State Solid	Boiling Point N/A	Melting Point 325 - 335°F	Freezing Point N/A
Specific Gravity or Density (H ₂ O = 1) > 1.0	Solubility in Water Insoluble		Ph N/A
Vapor Pressure N/A	Vapor Density (AIR = 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A	
Other			

10. Stability and Reactivity

Incompatibility (Materials to Avoid) Strong Acids, oxidizing agents and bases.	
Hazardous Products Produced During Decomposition Molten vapors or fumes may cause irritation to the respiratory tract. Combustible thermoplastics material may melt and drip, contact with hot molten tape will cause thermal burns.	
Hazardous Polymerization <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions to Avoid Excessive heat and ignition sources
Stability <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid

11. Toxicological Information

<p>Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data</p> <p>Finished article not tested. See section 2 for available information on potential health effects.</p>

12. Ecological Information

<p>Toxicity, Environmental Fate, Physical/Chemical Data, or Other Supporting Environmental Hazard Statements</p> <p>Finished article not tested. Please refer to section 6 for information regarding accidental releases and section 15 for regulatory reporting information.</p>

13. Disposal Considerations

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Other Ozone-Depleting Substances (ODS) <i>VELCRO® Brand products do not contain Ozone-Depleting substances nor are Ozone-Depleting Substances used in our manufacturing process. e.g. Chlorofluorocarbons (CFCs); Halons; Carbon Tetrachloride; Methyl Chloroform; Methyl Bromide; Hydro Bromofluorocarbon (HFBCs); and Hydro Chlorofluorocarbon (HCFCs)</i> Natural Latex <i>VELCRO® Brand products do not contain natural rubber latex.</i>

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