

MATERIAL SAFETY DATA SHEET

IDENTITY: Gill 17 – Gill Lock Part A
 MANUFACTURER'S NAME & ADDRESS:

DATE PREPARED: April 2011
 Gill Industries, Inc.
 3462 Kershaw – Camden Highway
 Lancaster, SC 29720
 803.285.4831
 803.285.4831

EMERGENCY PHONE NUMBER:
 INFORMATIONAL PHONE NUMBER:

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
Epoxy Resin: Resin Compound: Non-Hazardous	-	-	CAS # 25068-38-6	-
Butyl Glycidyl Ether	-	-	CAS # 68609-97-2	-
Nonyl Phenol	-	-	CAS # 25154-52-3	-

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	327 °F	Specific Gravity (H ₂ O = 1)	1.12 @ 68 °F
Vapor Pressure (mm Hg.)	.03 mmHg @ 77 °F	Melting Point	36 °F
Vapor Density (AIR = 1)	7.6	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Insoluble.			
Appearance and Odor Very mild phenol odor.			

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) Flash Point: PMCC=137 °F	Flammable Limits	LEL N/D	UEL N/D
Extinguishing Media Water fog, carbon dioxide, or dry chemicals.			
Special Fire Fighting Procedures Water or foam may cause violent frothing and possible endanger the life of fire fighters.			
Unusual Fire and Explosion Hazards N/A			

SECTION V – REACTIVITY DATA

Stability	Unstable	No	Conditions to Avoid Store below 150 °F.
	Stable	Yes	
Incompatibility (Materials to Avoid) Acids, oxidizers, peroxides, caustics. Mix with other chemicals by qualified personnel.			
Hazardous Decomposition or Byproducts Phenol and other toxic organic materials.			
Hazardous Polymerization	May Occur	No	Conditions to Avoid N/A
	Will Not Occur	Yes	

SECTION VI – HEALTH HAZARD DATA

Route(s) of Entry	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (Acute and Chronic) Health = 2 Flammability = 2 Reactivity = 0			
Carcinogenicity No	NTP? N/A	IARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure Skin rash and sensitization of fair skinned people.			
Medical Conditions Generally Aggravated by Exposure N/A			
Emergency and First Aid Procedures Wash for 15 minutes in case of eye contact. Call a physician immediately. Wash clothing with soap and water. Discard shoes. Clean skin with waterless cleaner and rinse.			

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled Stop leak. Pump to salvage area or tank. Absorb remaining liquid on paper, sand, clay earth, vermiculite, floor absorbent, or other absorbent materials. Shovel into containers.
Waste Disposal Method Use Federal, State, and Local approved methods.
Precautions to Be Taken in Handling and Storing Wear protective boots, goggles, gloves, long sleeve shirt, and long pants to protect skin and eyes.
Other Precautions Provide ventilation from exhaust fans.

SECTION VIII – CONTROL MEASURES

Respiratory Protection (Specify Type) Self-contained respirators are recommended. For use in confined non-ventilated areas.		
Ventilation	Local Exhaust Yes – Exhaust fans	Special N/A
	Mechanical (General) N/A	Other
Protective Gloves Yes	Eye Protection Goggles.	
Other Protective Clothing or Equipment Long sleeve shirt, long pants, and boots.		
Work/Hygienic Practices Isolated contact with skin can be cleaned off the skin with waterless cleaner. Rinse.		

MATERIAL SAFETY DATA SHEET

IDENTITY: Gill 17 – Gill Lock Part B
MANUFACTURER'S NAME & ADDRESS:

DATE PREPARED: April 2011
Gill Industries, Inc.
3462 Kershaw – Camden Highway
Lancaster, SC 29720
803.285.4831
803.285.4831

EMERGENCY PHONE NUMBER:
INFORMATIONAL PHONE NUMBER:

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
Nonyl Phenol	-	-	CAS # 25154-52-3	-
Tetraethylenepentamine	-	-	CAS # 112-57-2	-
Tall Oil Fatty Acid	-	-	CAS # 68953-36-6	-
Diethylenetetramine	-	-	CAS # 111-40-0	-
Polyoxyalkyleneamine	-	-	CAS # 9046-10-0	-
Titanium Dioxide	-	-	CAS # 13463-67-7	-
Hydrous Magnesium Silicate	-	-	CAS # 14807-96-6	-

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	259 °F	Specific Gravity (H ₂ O = 1)	.97 @ 77 °F
Vapor Pressure (mm Hg.)	.05 mmHg @ 280 °F	Melting Point	36 °F
Vapor Density (AIR = 1)	1	Evaporation Rate (Butyl Acetate = 1)	.007
Solubility in Water Sl. Soluble.			
Appearance and Odor Medium viscosity fluid. Gray in color. Ammonia odor.			

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) Flash Point: PMCC=240 °F	Flammable Limits	LEL 1 %	UEL Unknown
Extinguishing Media Dry chemicals, carbon dioxide, foam, and water - spray.			
Special Fire Fighting Procedures Self contained breathing apparatus. Keep container cool with water spray.			
Unusual Fire and Explosion Hazards None			

SECTION V – REACTIVITY DATA

Stability	Unstable	No	Conditions to Avoid Store below 150 °F.
	Stable	Yes	
Incompatibility (Materials to Avoid) Acids, oxidizers, peroxides, caustics.			
Hazardous Decomposition or Byproducts Phenol, ammonia, carbon dioxide, CO plus other toxics.			
Hazardous Polymerization	May Occur	No	Conditions to Avoid Contamination with water. Epoxy resins may be hardened through the use of this material
	Will Not Occur	Yes	

SECTION VI – HEALTH HAZARD DATA

Route(s) of Entry	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (Acute and Chronic) Health = 3 Flammability = 1 Reactivity = 0			
Carcinogenicity No	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? No
Signs and Symptoms of Exposure Acute: Skin will show a chemical burn. Eye: Irritation or burns to the eye. Inhalation: Irritation to upper respiratory system.			
Medical Conditions Generally Aggravated by Exposure			
Emergency and First Aid Procedures Flush with clear water for 15 minutes if in eyes. Consult a physician immediately. If on skin, wash with soap and water immediately. Get medical attention. Remove and wash clothing. Discard shoes. If inhaled, move to fresh air. Keep person warm and at rest.			

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled Absorb with soapy water on inert absorbent. Shovel into open head drums. Dispose of according to Federal, State, and Local regulations. If released into streams or rivers, contact appropriate authorities.
Waste Disposal Method Do NOT flush to sewer. Scrape up contaminated soil with spill and place in a dry drum. Dispose of according to Federal, State, and Local regulations.
Precautions to Be Taken in Handling and Storing Use adequate ventilation. Store below 150 °F. Use personal protective equipment.
Other Precautions Wear goggles/safety glasses, gloves, apron, and boots.

SECTION VIII – CONTROL MEASURES

Respiratory Protection (Specify Type) Half mask with cartridge or full-face mask with supplied air.		
Ventilation Yes	Local Exhaust Exhaust fans	Special N/A
	Mechanical (General)	Other
Protective Gloves Yes	Eye Protection Goggles/Safety glasses.	
Other Protective Clothing or Equipment Long sleeve shirt, long pants, and boots.		
Work/Hygienic Practices Isolated skin contact. Remove with waterless hand cleaner followed by soap and water. Rinse.		