

# BEACON ADHESIVES COMPANY, INC.



## Safety Data Sheet 29 CFR 1910.1200

### Section 1: Company and Product Identification

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**Product Name:** Glass Metal & More

**Product Code:** Glass Metal & More

**Company:** Beacon Adhesives Company, Inc.  
125 MacQuesten Parkway South  
Mount Vernon, NY 10550  
PH: 914-699-3400

**Emergency Response:** Chem-Trec 1-800-424-9300

### Section 2: Hazards Identification

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**Hazard Pictograms:**

GHS02



GHS05



GHS08



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**Signal Word:** Danger

**Hazard Category:** Flammable Liq Cat 2  
Aspiration hazard Cat 1  
Skin corrosion/irritation Cat 2

**Hazard Statements:** H225: Highly flammable liquid and vapour  
Causes Eye Irritation  
Causes Skin Irritation  
May Cause drowsiness and dizziness

**Precautionary Statements:** P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P264: Wash thoroughly after handling  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P308+313: IF exposed or concerned: Get medical advice/attention  
P403+235: Store in a well ventilated place. Keep cool

P501: Dispose of contents/container in accordance with local/national/international rules.

**Hazards not otherwise classified:** Not applicable, none known.

### Section 3: Composition / Information on Ingredients

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Hazardous substance (name)	Hazard Category	CAS#	Weight %
Toluene		108-88-3	>25%

### Section 4: First Aid Measures

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# BEACON ADHESIVES COMPANY, INC.

**General Info:** Product may give off vapors in appreciable quantities affecting the inhalation route. Ensure proper ventilation.

**Notable Exposure symptoms:** May cause drowsiness or dizziness. Headache, nausea, or vomiting may occur if appreciable quantities are ingested - seek medical attention immediately.

**If ingested:** Rinse mouth. Seek immediate medical attention.

**If inhaled:** Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.

**Skin contact:** Take off immediately all contaminated clothing. Rinse with water thoroughly. Get medical advice if irritation develops or persists.

**Additional Info:** Observe for any symptoms for several hours after exposure. Follow up with medical attention if symptoms develop.

## **Section 5: Fire Fighting Measures**

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**General Info:** Product contains flammable solvents. Direct water spray may spread fire. Isolate any uncompromised product from area if possible. Do not breath fumes.

**Extinguishing Method / Equipment:** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment.

## **Section 6: Accidental Release Measures**

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**Personal precautions, protective equipment and procedures:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing vapors. Ventilate area if easy to do so. Contact local authorities if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Containment Equipment and Procedures:** Large Spills: Contain actively spilling material if safe and easy to do so. Dike the spilled material, where this is possible. Utilize absorbent clay or sand to contain and stop spreading material.

Small Spills: Utilize absorbent clay or sand and transfer to waste receptacles.

**Cleanup Procedures:** Collect all contaminated clay, media, or other cleanup materials into a waste receptacle. If cleaning surface is necessary, utilize mineral spirits or other solvents, provided adequate ventilation is available.

## **Section 7: Handling and Storage**

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**Safe Handling Precautions:** Do not handle until all safety precautions have been read and understood. Do not handle near an open flame or sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.

**Recommendations for Storage:** Store in cool area in product container away from sources of ignition or flame.

## **Section 8: Exposure Control / Personal Protection**

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# BEACON ADHESIVES COMPANY, INC.

**General / Engineering** Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye  
**Controls:** wash facilities must be available when handling this product.

**Work Clothing:** Protective work clothing which covers skin and prevents exposures.

**Eye/face protection:** Wear safety goggles or face shield.

**Skin Protection:** Wear solvent resistant gloves.

**Respiratory** Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if  
**Protection:** ventilation is inadequate.

**Additional** Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands  
**Information:** or exposed skin after using the product.

## Section 9: Physical and Chemical Properties

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<b>State:</b> Liquid	<b>Melting Point:</b> (-95C)	<b>Freezing Point:</b> N/A
<b>Color:</b> Clear	<b>Boiling Point/Range:</b> ( 56.2C) (159-170C)	<b>pH:</b> N/A
<b>Sp Grav:</b> 0.9	<b>Odor:</b> solvent	<b>Water Solubility:</b> Insoluble
	<b>Flash Point:</b> -4°F (-20°C)	
<b>Upper Flam Limits:</b> Not avail	<b>Lower Flam Limits:</b> Not avail	
	<b>Viscosity:</b> 800 cSt	

## Section 10: Stability and Reactivity

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**General:** This product is stable and non-reactive under normal conditions of use. Solvent vapors will evaporate from exposed material. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources.

**Incompatible materials:**

**Decomposition products:** No decomposition products known. Toxic substances may be released in the event of a fire.

## Section 11: Toxicological Information

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**General Information:** Contains solvents which may be harmful in contact with skin or if inhaled.

**Toxicological Information (product):** Product has not been tested. Solvent vapors may cause drowsiness or dizziness. Prolonged inhalation may be harmful to human health. Irritating in case of skin or eye contact. May be harmful if swallowed or in contact with skin.

**Likely Routes of Exposure:** Inhalation of vapors, dermal

### Toxicological Information (contained substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
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# BEACON ADHESIVES COMPANY, INC.

Toluene				Eyes, Skin
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## Section 12: Ecological Information

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**General information:** Product not tested.

**Aquatic toxicity:** Product contains organic solvents which may have deleterious effects on aquatic organisms. Avoid release to aquatic ecosystem.

**Degradation / Mobility info:** No specific data available. Contained solvents are expected to degrade rapidly in the environment.

**Bioaccumulative potential:** Product contains organic solvents / oils which may uptake into biological tissue. No specific data available.

## Section 13: Disposal Information

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**Product disposal:** Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor. Contains low levels of flammable solvents.

**Container disposal:** Treat empty containers with extra care, as residual solvents may pose ignition hazard. Consult waste contractor.

**Other considerations:** No further information.

## Section 14: Transport Information

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**DOT:** UN 1133, Hazard Class 3 Packing Group II, Less than 1 Liter ORM-D Consumer Commodity

**IMO/IMDG:** UN 1133, Hazard Class 3 Packing Group II, Less than 1 Liter ORM-D Consumer Commodity

**IATA:** UN 1133, Hazard Class 3 Packing Group II, Less than 1 Liter ORM-D Consumer Commodity

**OTHER:** Inquire for further transport information.

**Comments:**

## Section 15: Regulatory Information

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**TSCA:** All components listed on the TSCA 8(b) inventory.

**CERCLA RQ:**

**SARA 311/312:** (Immediate, delayed, Fire)

**SARA 313** N/A

## Section 16: Other Information

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**SDS Author:** Pete Ryan

**Version Date:** 4/15/16

# BEACON ADHESIVES COMPANY, INC.

*The information accumulated herein is based on data which Beacon Chemical Co., Inc. considers to be accurate; provided however, that the company makes no warranty as to the accuracy of the data. Anyone intending to use the information contained herein shall assume sole and complete responsibility for the results of said use including loss or damage resulting from the handling of the material(COMPANY DISCLAIMER...)*

Signal Word	GHSHAZCAT
Not Applicable	Non-classified
<b>Warning</b>	Explosives (unstable)
<b>Danger</b>	Explosives Div 1.1 (mass explosion hazard)
	Explosives Div 1.2 (severe projection hazard)
	Explosives Div 1.3 (fire, blast, or projection hazard)
	Explosives Div 1.4 (fire or projection hazard)
	Explosives Div 1.5 (may mass explode hazard)
	Flammable Gases Cat 1
	Flammable Gases Cat 2
	Aerosols Cat 1
	Aerosols Cat 2
	Flammable Liq Cat 1
	Flammable Liq Cat 2
	Flammable Liq Cat 3
	Flammable Liq Cat 4
	Flammable Solid
	Aerosols (press container)
	Flammable gases (chemically unstable Cat A)
	Flammable gases (chemically unstable Cat B)
	Self reactive substances and mixtures (Type A)
	Self reactive substances and mixtures (Type B)
	Self reactive substances and mixtures (Type C, D)
	Pyrophoric Liq Cat 1
	Self heating substances and mixtures Cat 1
	Self heating substances and mixtures Cat 2
	Substances and mixtures which, in contact with water, emit
	Substances and mixtures which, in contact with water, emit
	Oxidizing gases Cat 1
	Oxidizer Cat 1
	Oxidizer Cat 2
	Gases under pressure (explosion if heated)
	Gases under pressure (refrigerated gas, cryogenic hazard)
	Corrosive to metals Cat 1
	Acute tox, oral Cat 1/2
	Acute tox, oral Cat 3
	Acute tox, oral Cat 4
	Acute tox, oral Cat 5
	Aspiration hazard Cat 1
	Aspiration hazard Cat 2
	Acute tox, dermal Cat 1/2
	Acute tox, dermal Cat 3
	Acute tox, dermal Cat 4
	Acute tox, dermal Cat 5
	Skin corrosion/irritation Cat 1

Skin corrosion/irritation Cat 2  
Skin corrosion/irritation Cat 3  
Sensitization, skin Cat 1  
Serious eye damage/eye irritation Cat 1  
Serious eye damage/eye irritation Cat 2  
Serious eye damage/eye irritation Cat 3  
Acute tox, inh. Cat 1/2  
Acute tox, inh. Cat 3  
Acute tox, inh. Cat 4  
Acute tox, inh. Cat 5  
Sensitization, resp. Cat 1  
Specific target organ tox, single exp. Cat 3 (resp irrit)  
Specific target organ tox, single exp. Cat 3 (narcotic effects)  
Germ cell mutagenicity Cat 1  
Germ cell mutagenicity Cat 2  
Carcinogenicity Cat 1  
Carcinogenicity Cat 2  
Reproductive tox Cat 1  
Reproductive tox Cat 2  
Reproductive tox Cat 2  
Reproductive tox (breastfeeding)  
Specific target organ tox, single exp. Cat 1  
Specific target organ tox, single exp. Cat 2  
Specific target organ tox, repeat exp. Cat 1  
Specific target organ tox, repeat exp. Cat 2  
Hazard to aquatic environment, acute Cat 1  
Hazard to aquatic environment, acute Cat 2  
Hazard to aquatic environment, acute Cat 3  
Hazard to aquatic environment, chronic Cat 1  
Hazard to aquatic environment, chronic Cat 2  
Hazard to aquatic environment, chronic Cat 3  
Hazard to aquatic environment, chronic Cat 4  
Hazardous to ozone layer, Cat 1







## Hazard Statements

### Not Applicable

- H200: Unstable explosive
- H201: Explosive; mass explosion hazard
- H202: Explosive; severe projection hazard
- H203: Explosive; fire, blast or projection hazard
- H204: Fire or projection hazard
- H205: May mass explode in fire
- H220: Extremely flammable gas
- H221: Flammable gas
- H222: Extremely flammable aerosol
- H223: Flammable aerosol
- H224: Extremely flammable liquid and vapour
- H225: Highly flammable liquid and vapour
- H226: Flammable liquid and vapour
- H227: Combustible liquid
- H228: Flammable solid
- H229: Pressurized container: may burst if heated
- H230: May react explosively even in the absence of air
- H231: May react explosively even in the absence of air at elevated pressure and/or temperature
- H240: Heating may cause an explosion
- H241: Heating may cause a fire or explosion
- H242: Heating may cause a fire
- H250: Catches fire spontaneously if exposed to air
- H251: Self-heating; may catch fire
- H252: Self-heating in large quantities; may catch fire
- H260: In contact with water releases flammable gases which may ignite spontaneously
- H261: In contact with water releases flammable gas
- H270: May cause or intensify fire; oxidizer
- H271: May cause fire or explosion; strong oxidizer
- H272: May intensify fire; oxidizer
- H280: Contains gas under pressure; may explode if heated
- H281: Contains refrigerated gas; may cause cryogenic burns or injury
- H290: May be corrosive to metals
- H300: Fatal if swallowed
- H301: Toxic if swallowed
- H302: Harmful if swallowed
- H303: May be harmful if swallowed
- H304: May be fatal if swallowed and enters airways
- H305: May be harmful if swallowed and enters airways
- H310: Fatal in contact with skin
- H311: Toxic in contact with skin
- H312: Harmful in contact with skin
- H313: May be harmful in contact with skin
- H314: Causes severe skin burns and eye damage

H315: Causes skin irritation  
H316: Causes mild skin irritation  
H317: May cause an allergic skin reaction  
H318: Causes serious eye damage  
H319: Causes serious eye irritation  
H320: Causes eye irritation  
H330: Fatal if inhaled  
H331: Toxic if inhaled  
H332: Harmful if inhaled  
H333: May be harmful if inhaled  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H335: May cause respiratory irritation  
H336: May cause drowsiness or dizziness  
H340: May cause genetic defects  
H341: Suspected of causing genetic defects  
H350: May cause cancer  
H351: Suspected of causing cancer  
H360: May damage fertility or the unborn child  
H361: Suspected of damaging fertility or the unborn child  
H361d: Suspected of damaging the unborn child  
H362: May cause harm to breast-fed children  
H370: Causes damage to organs  
H371: May cause damage to organs  
H372: Causes damage to organs through prolonged or repeated exposure  
H373: May cause damage to organs through prolonged or repeated exposure  
H400: Very toxic to aquatic life  
H401: Toxic to aquatic life  
H402: Harmful to aquatic life  
H410: Very toxic to aquatic life with long lasting effects  
H411: Toxic to aquatic life with long lasting effects  
H412: Harmful to aquatic life with long lasting effects  
H413: May cause long lasting harmful effects to aquatic life  
H420: Harms public health and the environment by destroying ozone in the upper atmosphere

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P410

P500

## Precautionary Statements

### Not Applicable

- P101: If medical advice is needed, have product container or label at hand
- P102: Keep out of reach of children
- P103: Read label before use
- P201: Obtain special instructions before use
- P202: Do not handle until all safety precautions have been read and understood
- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P211: Do not spray on an open flame or other ignition source
- P220: Keep/Store away from clothing/.../combustible materials
- P221: Take any precaution to avoid mixing with combustibles
- P222: Do not allow contact with air
- P223: Keep away from any possible contact with water, because of violent reaction and possible flash fire
- P230: Keep wetted with ...
- P231: Handle under inert gas
- P232: Protect from moisture
- P233: Keep container tightly closed
- P234: Keep only in original container
- P235: Keep cool
- P240: Ground/bond container and receiving equipment
- P241: Use explosion-proof electrical/ventilating/light/.../equipment
- P242: Use only non-sparking tools
- P243: Take precautionary measures against static discharge
- P244: Keep reduction valves free from grease and oil
- P250: Do not subject to grinding/shock/.../friction
- P251: Pressurized container – Do not pierce or burn, even after use
- P260: Do not breathe dust/fume/gas/mist/vapours/spray
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray
- P262: Do not get in eyes, on skin, or on clothing
- P263: Avoid contact during pregnancy/while nursing
- P264: Wash thoroughly after handling
- P270: Do not eat, drink or smoke when using this product
- P271: Use only outdoors or in a well-ventilated area
- P272: Contaminated work clothing should not be allowed out of the workplace
- P273: Avoid release to the environment
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P281: Use personal protective equipment as required
- P282: Wear cold insulating gloves/face shield/eye protection
- P283: Wear fire/flame resistant/retardant clothing
- P284: Wear respiratory protection
- P285: In case of inadequate ventilation wear respiratory protection
- P231+232: Handle under inert gas. Protect from moisture
- P235+410: Keep cool. Protect from sunlight
- P301: IF SWALLOWED:
- P302: IF ON SKIN:

P303: IF ON SKIN (or hair):  
P304: IF INHALED:  
P305: IF IN EYES:  
P306: IF ON CLOTHING:  
P307: IF exposed:  
P308: IF exposed or concerned:  
P309: IF exposed or you feel unwell:  
P310: Immediately call a POISON CENTER or doctor/physician  
P311: Call a POISON CENTER or doctor/physician  
P312: Call a POISON CENTER or doctor/physician if you feel unwell  
P313: Get medical advice/attention  
P314: Get Medical advice/attention if you feel unwell  
P315: Get immediate medical advice/attention  
P320: Specific treatment is urgent (see ... on this label)  
P321: Specific treatment (see ... on this label)  
P322: Specific measures (see ... on this label)  
P330: Rinse mouth  
P331: Do NOT induce vomiting  
P332: If skin irritation occurs:  
P333: If skin irritation or a rash occurs:  
P334: Immerse in cool water/wrap in wet bandages  
P335: Brush off loose particles from skin  
P336: Thaw frosted parts with lukewarm water. Do not rub affected areas  
P337: If eye irritation persists:  
P338: Remove contact lenses if present and easy to do. continue rinsing  
P340: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P341: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing  
P342: If experiencing respiratory symptoms:  
P350: Gently wash with plenty of soap and water  
P351: Rinse cautiously with water for several minutes  
P352: Wash with soap and water  
P353: Rinse skin with water/shower  
P360: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes  
P361: Remove/Take off immediately all contaminated clothing  
P362: Take off contaminated clothing and wash before reuse  
P363: Wash contaminated clothing before reuse  
P370: In case of fire:  
P371: In case of major fire and large quantities:  
P372: Explosion risk in case of fire  
P373: DO NOT fight fire when fire reaches explosives  
P374: Fight fire with normal precautions from a reasonable distance  
P375: Fight fire remotely due to the risk of explosion  
P376: Stop leak if safe to do so  
P377: Leaking gas fire – do not extinguish unless leak can be stopped safely  
P378: Use ... for extinction (*to manually edit* )

P380: Evacuate area

P381: Eliminate all ignition sources if safe to do so

P391: Collect spillage

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P302+334: IF ON SKIN: Immerse in cool water/wrap in wet bandages

P302+350: IF ON SKIN: Gently wash with plenty of soap and water

P302+352: IF ON SKIN: Wash with soap and water

P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/show

P304+312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P304+341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for br

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to

P306+360: IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clo

P307+311: IF exposed: Call a POISON CENTER or doctor/physician

P308+313: IF exposed or concerned: Get medical advice/attention

P309+311: IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician

P332+313: If skin irritation occurs: Get medical advice/attention

P333+313: If skin irritation or a rash occurs: Get medical advice/attention

P335+334: Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages

P337+313: If eye irritation persists get medical advice/attention

P342+311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

P370+376: In case of fire: Stop leak if safe to do so

P370+378: In case of fire: Use ... for extinction

P370+380: In case of fire: Evacuate area

P370+380+375: In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion

P371+380+375: In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion

P401: Store ... (to manually edit )

P402: Store in a dry place

P403: Store in a well ventilated place

P404: Store in a closed container

P405: Store locked up

P406: Store in a corrosive resistant/... container with a resistant inner liner

P407: Maintain air gap between stacks/pallets

P410: Protect from sunlight

P411: Store at temperatures not exceeding ... °C/... °F (to manually edit )

P412: Do not expose to temperatures exceeding 50 °C/122 °F

P413: Store bulk masses greater than ... kg/... lbs at temperatures not exceeding ... °C/... °F (to manually edit )

P420: Store away from other materials

P422: Store contents under ... (to manually edit )

P402+404: Store in a dry place. Store in a closed container

P403+233: Store in a well ventilated place. Keep container tightly closed

P403+235: Store in a well ventilated place. Keep cool

P410+403: Protect from sunlight. Store in a well ventilated place



P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P411+235: Store at temperatures not exceeding ... °C/... °F. Keep cool (*to manually edit*)

P501: Dispose of contents/container in accordance with local/regional/national/international rules.





ue rinsing



Pictogram Description

BLANK



GHS01



GHS02



GHS03



GHS04



GHS05



GHS06



GHS07



GHS08



GHS09