



Beacon Adhesives Co. Inc.  
www.beconadhesives.com  
125 South Macquesten Parkway  
Mount Vernon, NY 10550  
Phone 914-699-3400 | Fax 914-699-2783

## Magna Grip Part A

SDS Preparation Date : 07/09/2021

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# SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Magna Grip Part A**

Other means of identification : Magna Grip Part A

Recommended use of the chemical and restrictions on use

: Professional Use Only

Recommended restrictions: None known.

Chemical family

: Mixture

Name, address, and telephone number of the manufacturer:

**Beacon Adhesives**

125 Macquesten Parkway South  
Mount Vernon, NY, USA  
10550

Manufacturer's Telephone # : (914) 699-3400

**24 Hr. Emergency Tel #** : Chemtrec 1-800-424-9300 (Within Continental U.S.); Chemtrec 703-527-3887 (Outside U.S.).

Name, address, and telephone number of the supplier:

Refer to manufacturer

## SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Red thixotropic semisolid.

Most important hazards: Causes serious eye damage. May cause an allergic skin reaction. Suspected of causing cancer. Suspected of causing genetic defects. Suspected of damaging fertility.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Hazard classification:

Eye Damage/Irritation - Category 1

Skin sensitization -Category 1

Reproductive toxicity - Category 2

Germ Cell Mutagenicity - Category 2

Carcinogenicity - Category 2

Label elements

Hazard pictogram(s)



Signal Word

**DANGER!**

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*Hazard statement(s)*

Causes serious eye damage.  
May cause an allergic skin reaction.  
Suspected of damaging fertility.  
Suspected of causing genetic defects.  
Suspected of causing cancer.

*Precautionary statement(s)*

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Avoid breathing fumes, mists or vapors.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves/clothing and eye/face protection.

IF exposed or concerned: Get medical advice/attention.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.  
If skin irritation or rash occurs: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local regulation.

**Other hazards**

Other hazards which do not result in classification: May cause mild skin irritation. May cause respiratory irritation.  
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
<b>Bisphenol A</b>	4,4'-Isopropylidenediphenol	80-05-7	<b>80.0 - 100.0</b>
<b>Butyl 2,3-epoxypropyl ether</b>	2,3-Epoxypropyl butyl ether Butoxymethyloxirane BGE	2426-08-6	<b>1.0 - 5.0</b>
<b>Crystalline silica, quartz</b>	Quartz silica Crystallized silicon dioxide	14808-60-7	<b>&lt;0.4</b>

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

**SECTION 4. FIRST-AID MEASURES**

**Description of first aid measures**

*Ingestion* : Do NOT induce vomiting. Have victim rinse mouth with water, then give one to two glasses of water to drink. Never give anything by mouth to an unconscious person. Obtain medical attention if symptoms develop and persist.

*Inhalation* : Move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing has stopped, give artificial respiration. Obtain medical attention if symptoms develop and persist.

*Skin contact* : Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

*Eye contact* : Immediately flush eyes with running water for at least 15 minutes. Remove contact lenses, if present and easy to do. Immediately call a POISON CENTER or doctor/physician.



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### Most important symptoms and effects, both acute and delayed

- : Causes serious eye damage. Symptoms may include severe pain, blurred vision, redness and corrosive damage. May cause an allergic skin reaction (e.g. swelling, rash and eczema). May cause mild skin irritation. Symptoms may include redness, itching and swelling. Suspected of damaging fertility. Suspected of causing cancer. Suspected of causing genetic defects.

### Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing media

#### *Suitable extinguishing media*

- : Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

#### *Unsuitable extinguishing media*

- : Do not use a solid water stream as it may scatter and spread fire.

### Special hazards arising from the substance or mixture / Conditions of flammability

- : Burning may produce irritating, toxic and obnoxious fumes.

### Flammability classification (OSHA 29 CFR 1910.106)

- : Not flammable.

### Hazardous combustion products

- : Nitrogen oxides ;Carbon oxides

### Special protective equipment and precautions for firefighters

#### *Protective equipment for fire-fighters*

- : Do not enter without wearing specialized protective equipment suitable for the situation. Firefighter's normal protective clothing (Bunker Gear) will not provide adequate protection. A full-body encapsulating chemical protective suit with positive pressure self-contained breathing apparatus (NIOSH approved or equivalent) may be necessary.

#### *Special fire-fighting procedures*

- : Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

- : Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. Wear suitable protective equipment. Refer to protective measures listed in sections 7 and 8. Restrict access to area until completion of clean-up.

### Environmental precautions

- : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

### Methods and material for containment and cleaning up

- : Ventilate area of release. Stop spill or leak at source if safely possible. Dike for water control. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13).

### Special spill response procedures

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).  
US CERCLA Reportable quantity (RQ): See section 15.

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### SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling**

- : Use with appropriate and adequate ventilation. Avoid contact with eyes, skin and clothing. Keep away from incompatibles. Keep containers tightly closed when not in use. Wash thoroughly after handling. Avoid breathing mist or vapor. Contaminated work clothing must not be allowed out of the workplace. Do not allow contact with air. Keep containers tightly closed when not in use.

**Conditions for safe storage** : Store in a cool, dry, well-ventilated area. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Keep container tightly closed. Store at temperatures between 5 to 35°C(41 to 95°F).

**Incompatible materials** : Oxidizing agents. ;Amines. ;Alkalies ;Acids

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Limits:</b>				
<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Bisphenol A	N/Av	N/Av	N/Av	N/Av
Butyl 2,3-epoxypropyl ether	3 ppm	N/Av	50 ppm (270 mg/m³)	N/Av
Crystalline silica, quartz	0.025 mg/m³ (respirable)	N/Av	0.05 mg/m³ (respirable) (final rule limit)	N/Av

**Exposure controls**

**Ventilation and engineering measures**

- : Use in a well-ventilated area. Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

**Respiratory protection** : Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust and/or fumes). Advice should be sought from respiratory protection specialists.

**Skin protection** : Wear protective gloves. Advice should be sought from glove suppliers.

**Eye / face protection** : Wear eye/face protection. Wear safety glasses with side shields ( or goggles).

**Other protective equipment** : Wear sufficient clothing to prevent skin contact. Depending on conditions of use, an impervious apron should be worn. An eyewash station and safety shower should be made available in the immediate working area.

**General hygiene considerations**

- : Avoid contact with skin, eyes and clothing. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Handle in accordance with good industrial hygiene and safety practice. Contaminated work clothing must not be allowed out of the workplace.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : Red thixotropic semisolid.

**Odour** : Not available.

**Odour threshold** : Not available.

**pH** : Not available.

**Melting Point/Freezing point** : Not available.



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### Initial boiling point and boiling range

: Not available

**Flash point** : Not available.

**Flashpoint (Method)** : Not available.

**Evaporation rate (BuAe = 1)** : Not available.

**Flammability (solid, gas)** : Not applicable.

**Lower flammable limit (% by vol.)**  
: Not applicable.

**Upper flammable limit (% by vol.)**  
: Not applicable.

**Oxidizing properties** : Not applicable

**Explosive properties** : Not explosive

**Vapour pressure** : Not available.

**Vapour density** : Not available.

**Relative density / Specific gravity**  
: Not available.

**Solubility in water** : Not determined.

**Other solubility(ies)** : Not available.

**Partition coefficient: n-octanol/water or Coefficient of water/oil distribution**  
: Not available.

**Auto-ignition temperature** : Not applicable.

**Decomposition temperature** : Not available.

**Viscosity** : Not available.

**Volatiles (% by weight)** : Not available.

**Volatile organic Compounds (VOC's)**  
: Not available.

**Absolute pressure of container**  
: Not applicable.

**Flame projection length** : Not applicable.

**Other physical/chemical comments**  
: None known or reported by the manufacturer.

## SECTION 10. STABILITY AND REACTIVITY

**Reactivity** : This product is not reactive.

**Chemical stability** : Material is stable under normal conditions.

**Possibility of hazardous reactions**  
: Under normal conditions of handling and storage, hazardous reactions will not occur.

**Conditions to avoid** : Excessive heat. ;Exposure to air.

**Incompatible materials** : See Section 7 (Handling and Storage) for further details.

**Hazardous decomposition products**  
: None known, refer to hazardous combustion products in Section 5.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

**Routes of entry inhalation** : YES

**Routes of entry skin & eye** : YES

**Routes of entry Ingestion** : YES



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### Routes of exposure skin absorption

: NO

### Potential Health Effects:

#### Signs and symptoms of short-term (acute) exposure

##### *Sign and symptoms Inhalation*

: May cause respiratory irritation. Symptoms may include sore throat, running nose and shortness of breath.

##### *Sign and symptoms ingestion*

: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

##### *Sign and symptoms skin*

: Causes skin irritation. Symptoms may include redness, blistering, pain and swelling.

##### *Sign and symptoms eyes*

: Causes severe eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis.

#### Potential Chronic Health Effects

: Frequent or prolonged contact may dry the skin, leading to discomfort and dermatitis.

#### Mutagenicity

: Not expected to be mutagenic in humans.

#### Carcinogenicity

: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

#### Reproductive effects & Teratogenicity

: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Reproductive toxicity - Category 2 Suspected of damaging the unborn child.

#### Sensitization to material

: May cause an allergic skin reaction (e.g. swelling, rash and eczema). Not expected to be a respiratory sensitizer.

**Specific target organ effects :** This material is not classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

#### Medical conditions aggravated by overexposure

: None known.

#### Synergistic materials

: Not available.

#### Toxicological data

: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC<sub>50</sub>(4hr)</u> <u>inh. rat</u>	<u>LD<sub>50</sub></u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Bisphenol A	N/Av	N/Av	N/Av
Butyl 2,3-epoxypropyl ether	2590 ppm (13.77 mg/L) (vapour)	1660 mg/kg	> 2150 mg/kg
Crystalline silica, quartz	N/Av	N/Av	N/Av

#### Other important toxicological hazards

: None known or reported by the manufacturer.

## SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

: Toxic to aquatic life with long lasting effects. Do not allow this material to drain into sewers/water supplies.

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**Ecotoxicity data:**

<u>Ingredients</u>	<u>CAS #</u>	<b>Toxicity to Fish</b>		
		<b>LC50 / 96h</b>	<b>NOEC / 21 day</b>	<b>M Factor</b>
Bisphenol A	80-05-7	N/Av	N/Av	None.
Butyl 2,3-epoxypropyl ether	2426-08-6	65 mg/L (Rainbow trout)	N/Av	None.
Crystalline silica, quartz	14808-60-7	N/Av	N/Av	None.

<u>Ingredients</u>	<u>CAS #</u>	<b>Toxicity to Daphnia</b>		
		<b>EC50 / 48h</b>	<b>NOEC / 21 day</b>	<b>M Factor</b>
Bisphenol A	80-05-7	N/Av	N/Av	None.
Butyl 2,3-epoxypropyl ether	2426-08-6	3.9 mg/L (Daphnia magna)	N/Av	None.
Crystalline silica, quartz	14808-60-7	N/Av	N/Av	None.

<u>Ingredients</u>	<u>CAS #</u>	<b>Toxicity to Algae</b>		
		<b>EC50 / 96h or 72h</b>	<b>NOEC / 96h or 72h</b>	<b>M Factor</b>
Bisphenol A	80-05-7	N/Av	N/Av	None.
Butyl 2,3-epoxypropyl ether	2426-08-6	35 mg/L/96hr (Green algae)	N/Av	None.
Crystalline silica, quartz	14808-60-7	N/Av	N/Av	None.

**Persistence and degradability**

: No data is available on the product itself.

**Bioaccumulation potential**

: No data is available on the product itself.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Bisphenol A (CAS 80-05-7)		5.1 - 13.8 BCF method: OEC
Butyl 2,3-epoxypropyl ether (CAS 2426-08-6)	0.63	

**Mobility in soil**

: No data is available on the product itself.

**Other Adverse Environmental effects**

: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Handling for Disposal**

: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Methods of Disposal**

: Dispose in accordance with all applicable federal, state, provincial and local regulations.

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**RCRA**

: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

**SECTION 14. TRANSPORT INFORMATION**

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (4,4'-Isopropylidenediphenol)	9	III	 
TDG Additional information					
IMDG	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (4,4'-Isopropylidenediphenol)	9	III	 
IMDG Additional information	May be shipped as Limited Quantity when transported in containers no larger than 5.0 kg; in packages not exceeding 30 kg gross mass.				
ICAO/IATA	UN3077	Environmentally hazardous substance, solid, n.o.s. (4,4'-Isopropylidenediphenol)	9	III	 
ICAO/IATA Additional information	Refer to the appropriate Packing Instruction, prior to shipping this material. Review all State and Operator Variations, prior to shipping this material.				
49CFR/DOT	None.	Not regulated.	not regulated	none	
49CFR/DOT Additional information	None.				

**Special precautions for user** : None known or reported by the manufacturer.

**Environmental hazards** : This substance meets the criteria for an environmentally hazardous substance according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

: Not available.

**SECTION 15 - REGULATORY INFORMATION**

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:



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<u>Ingredients</u>	<b>CAS #</b>	<b>TSCA Inventory</b>	<b>CERCLA Reportable Quantity(RQ) (40 CFR 117.302):</b>	<b>SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:</b>	<b>SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical</b>	
					<b>Toxic Chemical</b>	<b>de minimus Concentration</b>
Bisphenol A	80-05-7	Yes	N/Ap	N/Av	Yes	N/Ap
Butyl 2,3-epoxypropyl ether	2426-08-6	Yes	None.	None.	No	N/Ap
Crystalline silica, quartz	14808-60-7	Yes	None.	None.	No	N/Ap

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Skin sensitization; Eye Damage.; Reproductive toxicity ; Germ cell mutagenicity; Carcinogenicity.  
Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

**US State Right to Know Laws:**

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	<b>CAS #</b>	<b>California Proposition 65</b>		<b>State "Right to Know" Lists</b>					
		<b>Listed</b>	<b>Type of Toxicity</b>	<b>CA</b>	<b>MA</b>	<b>MN</b>	<b>NJ</b>	<b>PA</b>	<b>RI</b>
Bisphenol A	80-05-7	No	female reproductive toxicity	Yes	Yes	No	Yes	Yes	No
Butyl 2,3-epoxypropyl ether	2426-08-6	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Crystalline silica, quartz	14808-60-7	Yes	Cancer (airborne particles of respirable size)	No	Yes	Yes	Yes	Yes	Yes

**Canadian Information:**

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

**International Information:**

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	<b>CAS #</b>	<b>European EINECS</b>	<b>Australia AICS</b>	<b>Philippines PICCS</b>	<b>Japan ENCS</b>	<b>Korea KECI/KECL</b>	<b>China IECSC</b>	<b>New Zealand IOC</b>
Bisphenol A	80-05-7	201-245-8	N/Av	N/Av	N/Av	N/Av	N/Av	N/Av
Butyl 2,3-epoxypropyl ether	2426-08-6	219-376-4	Present	Present	(2)-392	KE-04158	Present	HSR002921
Crystalline silica, quartz	14808-60-7	238-878-4	Present	Present	(1)-548	KE-29983	Present	HSR003125

**SECTION 16. OTHER INFORMATION**

**Legend**

: ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstract Services

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act



Beacon Adhesives Co. Inc.  
www.beaconadhesives.com  
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Mount Vernon, NY 10550  
Phone 914-699-3400 | Fax 914-699-2783

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of 1980  
CFR: Code of Federal Regulations  
CSA: Canadian Standards Association  
DOT: Department of Transportation  
EPA: Environmental Protection Agency  
HMIS: Hazardous Materials Identification System  
HSDB: Hazardous Substances Data Bank  
IARC: International Agency for Research on Cancer  
Inh: Inhalation  
LC: Lethal Concentration  
LD: Lethal Dose  
MN: Minnesota  
N/Ap: Not Applicable  
N/Av: Not Available  
NFPA: National Fire Protection Association  
NIOSH: National Institute of Occupational Safety and Health  
NJ: New Jersey  
NTP: National Toxicology Program  
OECD: Organisation for Economic Co-operation and Development  
OSHA: Occupational Safety and Health Administration  
PA: Pennsylvania  
PEL: Permissible exposure limit  
RCRA: Resource Conservation and Recovery Act  
RI: Rhode Island  
RTECS: Registry of Toxic Effects of Chemical Substances  
SARA: Superfund Amendments and Reauthorization Act  
STEL: Short Term Exposure Limit  
TLV: Threshold Limit Values  
TWA: Time Weighted Average  
WHMIS: Workplace Hazardous Materials Identification System

### References

- : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices
- 2. ECHA - European Chemical Agency
- 3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, (Chempendium, HSDB and RTECs).
- 4. Safety Data Sheets from manufacturer.
- 5. US EPA Title III List of Lists
- 6. California Proposition 65 List
- 7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal

### Preparation Date (mm/dd/yyyy)

: 07/09/2021

### Other special considerations for handling

: Provide adequate information, instruction and training for operators.

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<p><b><u>Prepared for:</u></b>  Beacon Adhesives  125 Macquesten Parkway South  Mount Vernon, NY 10550  Telephone: (914) 699 3400</p>	 <p><b>Beacon Adhesives Co. Inc.</b>  www.beconadhesives.com  125 South Macquesten Parkway  Mount Vernon, NY 10550  Phone 914-699-3400   Fax 914-699-2783</p>
<p><b><u>Prepared by:</u></b>  ICC The Compliance Center Inc.  Telephone: (888) 442-9628 (U.S.): (888) 977-4834 (Canada)  <a href="http://www.thecompliancencenter.com">http://www.thecompliancencenter.com</a></p>	

**DISCLAIMER**

This Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by Beacon Adhesives and CCOHS' Web Information Service. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and Beacon Adhesives expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and Beacon Adhesives.

**END OF DOCUMENT**

**Magna Grip Part B**

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**SECTION 1. IDENTIFICATION**

**Product identifier used on the label**

: **MagnaGrip Part B**

**Other means of identification** : Magna Grip Part B

**Recommended use of the chemical and restrictions on use**

: Epoxy resin

Restrictions on use: Professional use only.

**Chemical family**

: Mixture

**Name, address, and telephone number of the manufacturer:**

**Beacon Adhesives**

125 Macquesten Parkway South

Mount Vernon, NY, USA

10550

Manufacturer's Telephone # : (914) 699-3400

**24 Hr. Emergency Tel #** : Chemtrec 1-800-424-9300 (Within Continental U.S.); Chemtrec 703-527-3887 (Outside U.S.).

**Name, address, and telephone number of the supplier:**

Refer to manufacturer

**SECTION 2. HAZARDS IDENTIFICATION**

**Classification of the chemical**

Yellow liquid. Faint odor.

Most important hazards: Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. Occupational exposure to the substance or mixture may cause adverse effects. For further information, please refer to section 11 of the SDS. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. See Section 12 for more environmental information.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Hazard classification:

Eye Damage/Irritation - Category 1

Skin Corrosion/Irritation - Category 2

Skin sensitization - Category 1A

**Label elements**

*Hazard pictogram(s)*



*Signal Word*

**DANGER!**

*Hazard statement(s)*

Causes serious eye damage.

Causes skin irritation.

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*Precautionary statement(s)*

Avoid breathing mist, vapors or spray.  
Contaminated work clothing should not be allowed out of the workplace.  
Wash thoroughly after handling.  
Wear protective gloves and eye/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.  
If skin irritation or rash occurs: Get medical advice/attention.

Dispose of contents/container in accordance with local regulation.

**Other hazards**

Other hazards which do not result in classification: Burning produces obnoxious and toxic fumes. Ingestion can cause gastrointestinal irritation, nausea, and diarrhea.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
<b>Polyamide resin</b>	Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines	68410-23-1	<b>80.0 - 100.0</b>
<b>Silicon dioxide</b>	Synthetic Amorphous, Pyrogenic Silica Silicon, amorphous	112945-52-5	<b>5.0 - 10.0</b>
<b>Triethylene tetramine</b>	N,N'-Bis(2-aminoethyl)ethylene diamine TETA	112-24-3	<b>&lt;3</b>

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

**SECTION 4. FIRST-AID MEASURES**

**Description of first aid measures**

- Ingestion* : Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.
- Inhalation* : Move to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only.
- Skin contact* : Wash off with soap and plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
- Eye contact* : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**Most important symptoms and effects, both acute and delayed**

- : Causes serious eye damage. Symptoms may include severe pain, blurred vision, redness and corrosive damage. Causes skin irritation. Symptoms may include redness, blistering, pain and swelling. May cause an allergic skin reaction (e.g. swelling, rash and eczema). Allergic symptoms may develop within 12 hours after exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Indication of any immediate medical attention and special treatment needed**

- : Immediate medical attention is required. Treat symptomatically.



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## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing media

#### *Suitable extinguishing media*

: Carbon dioxide, dry chemical or alcohol foam.

#### *Unsuitable extinguishing media*

: Do not use a solid water stream as it may scatter and spread fire.

### Special hazards arising from the substance or mixture / Conditions of flammability

: Burning may produce irritating, toxic and obnoxious fumes. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

### Flammability classification (OSHA 29 CFR 1910.106)

: Not flammable.

### Hazardous combustion products

: Carbon oxides, Nitrogen oxides (NOx), Amines, and other irritating fumes and smoke.

### Special protective equipment and precautions for firefighters

#### *Protective equipment for fire-fighters*

: Do not enter without wearing specialized protective equipment suitable for the situation. Firefighter's normal protective clothing (Bunker Gear) will not provide adequate protection. A full-body encapsulating chemical protective suit with positive pressure self-contained breathing apparatus (NIOSH approved or equivalent) may be necessary.

#### *Special fire-fighting procedures*

: Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Do not allow run-off from firefighting to enter drains or water courses. Dike for water control.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

: Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus. Refer to Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION, for additional information on acceptable personal protective equipment.

**Environmental precautions** : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. For large spills, dike the area to prevent spreading.

### Methods and material for containment and cleaning up

: Ventilate the area. Remove all sources of ignition. Stop the spill at source if it is safe to do so. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand). Pick up and transfer to properly labeled containers. Refer to Section 13 for disposal of contaminated material. Contact the proper local authorities.

### Special spill response procedures

: If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).  
US CERCLA Reportable quantity (RQ): See section 15.

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**SECTION 7. HANDLING AND STORAGE**

**Precautions for safe handling**

- : Use only outdoors or in a well-ventilated area. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this preparation is being used. Wear protective gloves/clothing and eye/face protection. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing must not be allowed out of the workplace. Avoid breathing mist, vapors or spray. Do not ingest. Avoid contact with eyes, skin and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Wash thoroughly after handling. Keep containers tightly closed when not in use. Keep away from extreme heat and flame. Take precautions to prevent premature mixing of components and subsequent premature curing.

- Conditions for safe storage** : Store locked up. Keep container tightly closed. Store in a well-ventilated place. Store away from incompatible materials. Inspect periodically for damage or leaks. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. No smoking in the area.

- Incompatible materials** : Acids, Oxidizing agents

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b><u>Exposure Limits:</u></b>			
<b><u>Chemical Name</u></b>	<b><u>ACGIH TLV</u></b>		<b><u>OSHA PEL</u></b>
	<b><u>TWA</u></b>	<b><u>STEL</u></b>	<b><u>PEL</u></b> <b><u>STEL</u></b>
Polyamide resin	N/Av	N/Av	N/Av      N/Av
Silicon dioxide	10 mg/m <sup>3</sup> (inhalable); 3 mg/m <sup>3</sup> (respirable) (PNOS)	N/Av	20 mppcf      N/Av
Triethylene tetramine	1 ppm (AIHA WEEL) (skin)	N/Av	N/Av      N/Av

**Exposure controls**

**Ventilation and engineering measures**

- : Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

**Respiratory protection**

- : In case of insufficient ventilation wear suitable respiratory equipment. If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02. NIOSH-approved, organic vapour cartridge respirators are recommended. Advice should be sought from respiratory protection specialists.

**Skin protection**

- : Wear protective gloves/clothing. Gloves impervious to the material are recommended. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

**Eye / face protection**

- : Wear eye/face protection. Chemical splash goggles are recommended. A full face shield may also be necessary.

- Other protective equipment** : An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.



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## General hygiene considerations

: Do not eat, drink, smoke or use cosmetics while working with this product. Avoid breathing mist, vapors or spray. Avoid contact with eyes, skin and clothing. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use. Contaminated work clothing must not be allowed out of the workplace.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : Light yellow liquid.

**Odour** : Faint odor.

**Odour threshold** : Not available.

**pH** : Not available.

**Melting Point/Freezing point** : Not available.

### Initial boiling point and boiling range

: Not available.

**Flash point** : Not available.

**Flashpoint (Method)** : Not applicable.

**Evaporation rate (BuAe = 1)** : Not available.

**Flammability (solid, gas)** : Not applicable.

**Lower flammable limit (% by vol.)**

: Not available.

**Upper flammable limit (% by vol.)**

: Not available.

**Oxidizing properties** : None.

**Explosive properties** : Not explosive

**Vapour pressure** : Not available.

**Vapour density** : Not available.

### Relative density / Specific gravity

: Not available.

**Solubility in water** : Not available.

**Other solubility(ies)** : Not available.

### Partition coefficient: n-octanol/water or Coefficient of water/oil distribution

: Not available.

**Auto-ignition temperature** : Not available.

**Decomposition temperature** : Not available.

**Viscosity** : 300,000 cps

**Volatiles (% by weight)** : Not applicable.

### Volatile organic Compounds (VOC's)

: Not available.

### Absolute pressure of container

: Not available.

**Flame projection length** : Not available.

### Other physical/chemical comments

: None reported by the manufacturer.

## SECTION 10. STABILITY AND REACTIVITY

**Reactivity** : Not normally reactive.

**Chemical stability** : Stable under the recommended storage and handling conditions prescribed.

### Possibility of hazardous reactions

: Hazardous polymerization does not occur.





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**Conditions to avoid** : Avoid heat and open flame. Avoid contact with incompatible materials. Ensure adequate ventilation, especially in confined areas.

**Incompatible materials** : Oxidizing agents, Acids

**Hazardous decomposition products** : Carbon oxides, Nitrogen oxides (NOx)

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

**Routes of entry inhalation** : YES

**Routes of entry skin & eye** : YES

**Routes of entry Ingestion** : YES

**Routes of exposure skin absorption**  
: YES

### Potential Health Effects:

#### Signs and symptoms of short-term (acute) exposure

##### *Sign and symptoms Inhalation*

: Harmful if inhaled. Corrosive to all tissues. May cause respiratory irritation. Symptoms may include coughing, chest pain and shortness of breath. Could result in pulmonary edema (fluid accumulation). Symptoms of pulmonary edema (chest pain, shortness of breath) may be delayed.

##### *Sign and symptoms ingestion*

: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

##### *Sign and symptoms skin*

: Causes skin irritation. Symptoms may include redness, blistering, pain and swelling.

##### *Sign and symptoms eyes*

: Corrosive to eyes. Causes serious eye damage. Direct eye contact may produce severe irritation with possible eye damage. Symptoms may include severe pain, blurred vision, redness and corrosive damage.

#### Potential Chronic Health Effects

: Prolonged inhalation may cause adverse lung effects with symptoms including coughing, mucous production and difficulty breathing.

#### Mutagenicity

: Not expected to be mutagenic.

#### Carcinogenicity

: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

#### Reproductive effects & Teratogenicity

: Not expected to cause reproductive effects.

#### Sensitization to material

: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).  
Classification:  
Skin sensitization - Category 1A - May cause allergic skin reaction. Symptoms may be delayed.

**Specific target organ effects** : Eyes, skin, respiratory system and digestive system.

According to the classification criteria of U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015), this product is not expected to cause target organ toxicity through single or repeated exposures.

#### Medical conditions aggravated by overexposure

: Pre-existing skin, eye and respiratory disorders.

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**Synergistic materials**

: Not available.

**Toxicological data**

: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC<sub>50</sub>(4hr)</u>	<u>LD<sub>50</sub></u>	
	<u>inh, rat</u>	<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Polyamide resin	N/Av	> 2000 mg/kg (No mortality)	> 2000 mg/kg (No mortality)
Silicon dioxide	> 2.08mg/L/4H (no deaths) (dust)	3160 mg/kg	> 5000mg/kg
Triethylene tetramine	N/Av	4340 mg/kg	805 mg/kg

**Other important toxicological hazards**

: None reported by the manufacturer.

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

: Very toxic to aquatic life with long lasting effects. Do not allow this material to drain into sewers/water supplies. See data for individual ingredient ecotoxicity data.

**Ecotoxicity data:**

<u>Ingredients</u>	<u>CAS #</u>	<u>Toxicity to Fish</u>		
		<u>LC50 / 96h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Polyamide resin	68410-23-1	7.07 mg/L (Zebra fish) (Read-across)	N/Av	None.
Silicon dioxide	112945-52-5	N/Av	N/Av	None.
Triethylene tetramine	112-24-3	570 mg/L (Guppy)	N/Av	None.

<u>Ingredients</u>	<u>CAS #</u>	<u>Toxicity to Daphnia</u>		
		<u>EC50 / 48h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Polyamide resin	68410-23-1	5.18 mg/L (Daphnia magna) (Read-across)	N/Av	None.
Silicon dioxide	112945-52-5	> 10 000 mg/L/24hr (Daphnia magna)	N/Av	None.
Triethylene tetramine	112-24-3	31.1 mg/L (Daphnia magna)	N/Av	None.

<u>Ingredients</u>	<u>CAS #</u>	<u>Toxicity to Algae</u>		
		<u>EC50 / 96h or 72h</u>	<u>NOEC / 96h or 72h</u>	<u>M Factor</u>
Polyamide resin	68410-23-1	4.15 mg/L/72hr (Green algae)	1.25 mg/L/72hr	None.
Silicon dioxide	112945-52-5	> 10 000 mg/L/72hr (Green algae)	N/Av	None.
Triethylene tetramine	112-24-3	20 mg/L/72hr (Green algae)	N/Av	None.



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### Persistence and degradability

: No data is available on the product itself.

### Bioaccumulation potential

: No data is available on the product itself.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Polyamide resin (CAS 68410-23-1)	< 0.3 to 3.66	N/Av
Silicon dioxide (CAS 112945-52-5)	0.53(calculated)	N/Av
Triethylene tetramine (CAS 112-24-3)	- 1.4	N/Av

### Mobility in soil

: No data is available on the product itself.

### Other Adverse Environmental effects

: The ecological characteristics of this product have not been fully investigated. No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Handling for Disposal

: Handle in accordance with good industrial hygiene and safety practice. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Refer to protective measures listed in sections 7 and 8.

### Methods of Disposal

: Dispose in accordance with all applicable federal, state, provincial and local regulations.

### RCRA

: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method.









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**SECTION 14. TRANSPORT INFORMATION**

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fatty Acid Amidoamine Resin, Triethylene tetramine) (chloromethyl)oxirane)	9	III	 
TDG Additional information	Please consult the TDG guidelines for further information.				
49CFR/DOT	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fatty Acid Amidoamine Resin, Triethylene tetramine)	9	III	 
49CFR/DOT Additional information					
ICAO/IATA	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Fatty Acid Amidoamine Resin, Triethylene tetramine)	9	III	 
ICAO/IATA Additional information	Refer to the appropriate Packing Instruction, prior to shipping this material. Review all State and Operator Variations, prior to shipping this material.				
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fatty Acid Amidoamine Resin, Triethylene tetramine)	9	III	 
IMDG Additional information	Consult the IMDG regulations for exceptions.				

**Special precautions for user** : Appropriate advice on safety must accompany the package.

**Environmental hazards** : This product meets the criteria for an environmentally hazardous material according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

: This information is not available.

**SECTION 15 - REGULATORY INFORMATION**

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:

Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	de minimus Concentration
Polyamide resin	68410-23-1	Yes	None.	None.	No	N/Ap
Silicon dioxide	112945-52-5	Yes	None.	None.	No	N/Ap
Triethylene tetramine	112-24-3	Yes	None.	None.	No	N/Ap

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SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Eye Damage; Skin irritation; Skin sensitization. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

**US State Right to Know Laws:**

The following chemicals are specifically listed by individual States:

Ingredients	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Polyamide resin	68410-23-1	No	N/Ap	No	No	No	No	No	No
Silicon dioxide	112945-52-5	No	N/Ap	No	No	No	No	No	No
Triethylene tetramine	112-24-3	No	N/Ap	No	Yes	No	Yes	Yes	No

**Canadian Information:**

All ingredients are present on the DSL.

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

**International Information:**

Components listed below are present on the following International Inventory list:

Ingredients	CAS #	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Polyamide resin	68410-23-1	Polymer	Present	Present	(7)-445	KE-35141	Present	HSR007348 (dilution)
Silicon dioxide	112945-52-5	231-545-4 (as Silicon dioxide)	Present	Present	(1)-548	KE-30953	Present	May be used as a single component chemical under an appropriate group standard.
Triethylene tetramine	112-24-3	203-950-6	Present	Present	(2)-163	KE-02911	Present	HSR003570

**SECTION 16. OTHER INFORMATION**

**Legend**

: ACGIH: American Conference of Governmental Industrial Hygienists  
AICS: Australian Inventory of Chemical Substances  
AIHA: American Industrial Hygiene Association  
CAS: Chemical Abstract Services  
CEPA: Canadian Environmental Protection Act  
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980  
CFR: Code of Federal Regulations  
DOT: Department of Transportation  
ENCS: Existing and New Chemical Substances  
EPA: Environmental Protection Agency  
HSDB: Hazardous Substances Data Bank  
IARC: International Agency for Research on Cancer  
IATA: International Air Transport Association

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ICAO: International Civil Aviation Organisation  
IMDG: International Maritime Dangerous Goods  
Inh: Inhalation  
IOC: Inventory of Chemicals  
KECI: Korean Existing Chemicals Inventory  
KECL: Korean Existing Chemicals List  
N/Av: Not Applicable  
N/Av: Not Available  
NIOSH: National Institute of Occupational Safety and Health  
NOEC: No observable effect concentration  
NTP: National Toxicology Program  
OSHA: Occupational Safety and Health Administration  
PEL: Permissible exposure limit  
PICCS: Philippine Inventory of Chemicals and Chemical Substances  
RTECS: Registry of Toxic Effects of Chemical Substances  
SARA: Superfund Amendments and Reauthorization Act  
STEL: Short Term Exposure Limit  
TDG: Canadian Transportation of Dangerous Goods Act & Regulations  
TLV: Threshold Limit Values  
TSCA: Toxic Substance Control Act  
TWA: Time Weighted Average  
WEEL: Workplace Environmental Exposure Level  
WHMIS: Workplace Hazardous Materials Identification System

**References :**

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices
2. ECHA - European Chemical Agency
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, (Chempendium, HSDB and RTECs).
4. Safety Data Sheets from manufacturer.
5. US EPA Title III List of Lists
6. California Proposition 65 List
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal

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**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

<p><b>Prepared for:</b> Beacon Adhesives 125 Macquesten Parkway South Mount Vernon, NY 10550 Telephone: (914) 699 3400</p>	 <p><b>Beacon Adhesives Co. Inc.</b> www.beconadhesives.com 125 South Macquesten Parkway Mount Vernon, NY 10550 Phone 914-699-3400   Fax 914-699-2783</p>
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other process.

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