

Beacon Adhesives Company, Inc.

Safety Data Sheet 29 CFR 1910.1200



Section 1: Company and Product Identification

Product Name: Magna Tac M-688

Product Code: Magna Tac M-688

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

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

Section 2: Hazards Identification

GHS02

GHS07

GHS08

BLANK

Hazard Pictograms:



Signal Word: Warning

Hazard Category: Irritant
Sensitization, skin Cat 1

Hazard Statements:

H317: May cause an allergic skin reaction
Nasal Irritation
Lung Irritation

Precautionary Statements:

P202: Do not handle until all safety precautions have been read and understood
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
P405: Store locked up
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

Hazardous substance (name)	Hazard Category	CAS#	Weight %
Epoxy Resin	Irritant	Proprietary	<90%
Phthalate	Irritant	Proprietary	< 30%

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Crystalline Silica	Inhalation	Proprietary	<10%
Quartz	Inhalation	14808-60-7	< 10%

Section 4: First Aid Measures

General Info: Product may give off vapors in appreciable quantities affecting the inhalation route at elevated temperatures. 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. Give Milk or water to dilute stomach contents.

If inhaled: Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop. nervous system depression. May effect the mucous lining of the nose and lungs.

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

Extinguishing Method / Equipment: Carbon dioxide (CO₂), dry chemical, foam. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment.

Hazardous Combustion Products: Combustible at high temps, Polymerization may occur at High Temperatures
Flash Point: >300F

Fire Fighting: Do not release runoff from fire control methods to sewers or waterways.

Section 6: Accidental Release Measures

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.

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Section 7: Handling and Storage

Safe Handling 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 Store in cool area in product container away from sources of ignition or flame. Avoid excessive heat.

Incompatibilities: Store away from strong acids or oxidizing agents. Refer to Section 10.

Section 8: Exposure Control / Personal Protection

General / Local exhaust ventilation should be utilized to control vapors / substances below exposure limits.

Engineering Eye wash facilities must be available when handling this product.

Controls:

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 ventilation is inadequate.

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

Substances with Exposure Limit	CAS#	ACGIH-TLV	OSHA-PEL
Epoxy Resin	Proprietary	None Estab	None estab
Phthalate	Proprietary	None Estab	None estab
Crystalline Silica	Proprietary	None Estab	None estab
Quartz	14808-60-7	None Estab	None estab

Section 9: Physical and Chemical Properties

State: Liquid **Melting Point:** N/A

Freezing Point: Not avail

Color: Amber

Boiling Point/Range: >200 C

pH Not avail

Sp Grav: 1.2

Odor: Amine Odor

Water Solubility: Very Slight

Flash Point: >300F

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Upper Flam Limits: Not avail

Lower Flam Limits: Not avail

Vapor - Pressure:

VOC Content 8
(lbs/gal):

Viscosity: 800 cSt

Autoignition NA
Temp:

Section 10: Stability and Reactivity

General: This product is stable and non-reactive under normal conditions of use. Solvent vapors will evaporate from exposed material. Product is subject to hazardous polymerization. Avoid open flame and ignition sources.

Incompatible materials: Strong oxidizing agents, strong acids.

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

Conditions to avoid: Thermal Oxidative decomposition of Magna-Tac 688 can produce carbon Monoxide, Carbon Dioxide, aldehydes and ammonia.

Section 11: Toxicological Information

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

Toxicological Information: Prolonged inhalation may be harmful to human health. Irritating in case of skin or eye contact.

Information (product): 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:
Epoxy Resin	>5000 mg/kg (rat)	>5000 mg/kg (rabbit)	>15 mg/l (vapor)	Eye irritancy, mucous membrane irrit
Phthalate	>2000 mg/kg (rat)	>5000 mg/kg (rabbit)	>20 mg/l (vapor)	Eye irritancy, mucous membrane irrit
Crystalline Silica	No Data	No Data	No Data	Inhalation
Quartz	No Data	No Data	No Data	Inhalation

Carcinogenicity or mutagenicity: This product contains crystalline silica which is listed as a carcinogen by IARC

Sensitization: Sever skin irritation

Other Notes: Not applicable.

Eye Effects: Moderate Irritation

Section 12: Ecological Information

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General information: Product not tested.

Aquatic toxicity: Avoid release to aquatic ecosystem.

Section 13: Disposal Information

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.

Section 14: Transport Information

DOT: Adhesive Non hazardous

IMO/IMDG: Adhesive Non hazardous

IATA: Adhesive Non hazardous

OTHER: Inquire for further transport information.

Comments: Adhesive Non hazardous

Section 15: Regulatory Information

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

CERCLA RQ: None

SARA 311/312: Product is an acute and chronic hazard.

SARA 313 Toxic Chemical Phthalate

California Prop 65 Product contains the following substances known to cause cancer or reproductive harm:

Substances: Crystalline Silica and Epichlorohydrin.

Canadian DSL: All substances in product are listed on the DSL.

WHMIS: None

Section 16: Other Information

SDS Author: Pete Ryan

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