

Material Safety Data Sheet

MAGNA-TAC 628

MSDS No.BS0108

Date of Preparation: 11/03/2003

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: MAGNA-TAC 628

General Use: High Temperature Curing Epoxy Adhesive

Manufacturer: Beacon Adhesives Company, 125 South MacQuesten Parkway Mount Vernon, NY 10550
Phone: (914-699-3400) Fax: (914-699-2783) Hours: 9 to 5 Chemtrec Emergency Phone: (800) 424-9300

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	%Wt or %vol.
DGEBA Epoxy Resin	025085-99-8	>70%
Nadic Methyl Anhydride	25134-21-8	>25%
Mixture of Pigments	-	>1-5%

Section 3 - Hazards Identification

Emergency Overview

HMIS
H 3
F 1
R 1

Potential Health Effects

Inhalation: In high concentrations may cause headache, nausea.

Eye: Can cause irritation, redness, tearing, blurred vision.

Skin: Prolonged exposure may irritate the skin. Repeated and prolonged contact of the liquid with skin can cause dryness and erythema

Chronic Effects: There are no known chronic effects associated with this material.

Section 4 - First Aid Measures

Inhalation: If inhaled, remove the patient to fresh air. If breathing is difficult get prompt medical attention.

Eye Contact: Immediately wash eyes with running water for 15 minutes. Get immediate medical attention.

Skin Contact: In case of contact with skin, wash with soap and water.

Ingestion: Contact a Poison Control Center. Do not induce vomiting. Give a glass of water.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 - Fire-Fighting Measures

Autoignition Temperature: 869F (465C)

Flammability Classification: 1

Extinguishing Media: Use water fog, alcohol foam or dry chemical extinguishing media.

Unusual Fire or Explosion Hazards: MAGNA-TAC 628 is stable under normal conditions. Dangerous when exposed to heat, sparks, flame or oxidants.

Fire-Fighting Instructions: Product exposed to elevated temperature for extended period of time may undergo exothermic polymerization resulting in violent explosion. Use water spray to keep fire-exposed tanks and containers cool. Do not enter the fire area without proper personal protective equipment including self-contained breathing apparatus.

Section 6 - Accidental Release Measures

Spill /Leak Procedures: Spills should be contained. Recover as much as possible for reuse. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water.

Do not flush liquid latex into public sewer or water system.

Waste Disposal Method: Dispose of in a landfill in accordance with local, state, and federal regulations.

Section 7 - Handling and Storage

Handling Precautions: Wear appropriate protective equipment when handling material. Avoid skin and eye contact.

Storage Requirements: Keep away from sparks, heat, and flame. Store in a cool well ventilated location.

Section 8 - Exposure Controls / Personal Protection

Ventilation: Use in a well-ventilated area.

Respiratory Protection: Not generally needed.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Very viscous liquid

Appearance and Odor: Reddish brown liquid.

Flash point: >200F

Specific Gravity (Water = 1): 1.15-1.30

Boiling Point: ND

Vapor Pressure: Negligible

Vapor Density: Heavier than air

Solubility in Water: Insoluble

Section 10 - Stability and Reactivity

Stability: product is stable under normal conditions. Keep away from heat, sparks and flame.

Section 11- Toxicological Information

No Toxicity Data Available

Eye Effects: N/A

Skin Effects: N/A

Acute Inhalation Effects: N/A

Acute Oral Effects: N/A

Chronic Effects: There are no known chronic effects associated with this material.

Section 12 - Ecological Information

Eco-toxicity: N/A

Environmental Fate: N/A

Environmental Transport: N/A

Environmental Degradation: N/A

Soil Absorption/Mobility: N/A

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

Disposal Regulatory Requirements: Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

Container Cleaning and Disposal: Dispose of in a licensed facility. Recommended crushing or other means to prevent unauthorized use.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Adhesive Resin Compound, N.O.I-Non-regulated

Section 15 - Regulatory Information

EPA Regulations:

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA: N/A

CERCLA Hazardous Substance (40 CFR 302.4) unlisted

CERCLA Reportable Quantity N/A

OSHA Regulations:

Air Contaminant: Not listed

OSHA Specifically Regulated Substance N/A

T.R.I. Reportable (No)

Section 16 - Other Information

Additional Hazard Rating Systems:

	Health:	Fire:	Reactivity:	Special:
HMIS	3	1	1	N/A

Prepared By: Bhikhu Suthar

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